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Volume 133 APRIL 11, 1938 Number 15

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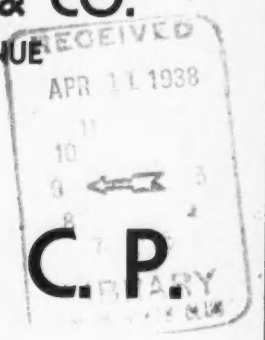

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$MgCO_3$	2.38
SiO_2	.80
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$CaSO_4$	.46
Al_2O_3	1.41
H_2O (loss on ignition)	2.60
(H_2O loss at 110° C. 25%)	

Linseed Oil Absorption—50-60 cc per 100 grams
Density—30 lbs. per cubic foot
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Oil, Paint and Drug Reporter

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Volume 133 APRIL 11, 1938 Number 15

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Cosmetic Tax Reported to Senate

OPD Washington Bureau
April 8, 1938

The senate finance committee has reported the revenue revision bill, with a number of changes in the excise sections from the form in which the measure was passed by the house. The senate took up the bill yesterday and has rapidly approved a number of its 900 or so sections.

With respect to toilet preparations, the senate bill makes no change in the house provisions removing this tax from toothwashes, mouthwashes, toothpastes, and toliet soaps sold after June 30, but retaining the tax on other toilet preparations. However, the bill includes an amendment defining "arm's length transactions," which is designed to simplify the administration of the toilet articles tax.

The present law provides that if an article is sold otherwise than through an arm's length transaction at less than fair market price, the tax, if based on the price for which the article is sold, shall be computed on the price for which such articles are sold in the ordinary course of trade by manufacturers or producers, as determined by the Commissioner of Internal Revenue. The senate amendment establishes the rule of presumption that, in the case of a sale by a manufacturer to a selling corporation, the transaction shall be presumed to be otherwise than at arm's length if either the manufacturer or the selling corporation owns more than 75 percent of the outstanding stock of the other, or if more than 75 percent of the outstanding stock of both corporations is owned by the same persons in substantially the same proportions. Sales by a manufacturer to a selling corpora-

—*Continued on page* 43

Customs Rulings Bill Passed by Senate

OPD Washington Bureau
April 4, 1938

The senate has passed and sent to conference the Doughton tariff administrative bill (H.R. 8099), after adding a number of amendments including one proposed by Senator William I. King of Utah to permit the Secretary of the Treasury to issue declaratory rulings on customs matters, but in a form providing for court review of such rulings.

The bill, to be known as the "Customs Administrative Act of 1938," makes no changes in duties, but rewrites the administrative provisions of the tariff law into a separate act, which its sponsors declare will be a valuable textbook of customs law. Most of the changes made in the law are highly technical and deal with such subjects as packing, marking, classification, bonds, ship supplies, drawback, bonded warehouses, and similar subjects.

The King amendment was revised to a form which its author said met objections to his earlier draft that the courts would be prevented from reviewing declaratory rulings of the Secretary of the Treasury. As adopted, the amendment permits the secretary in advance of a transaction to make a ruling as to the classification and duties to be imposed on an article which it is purposed to import, and this ruling will be binding upon all nonjudicial officers of the government but will not be binding upon all nonjudicial officers of the government but will be binding upon the importer, who may appeal to the courts if dissatisfied. Senator King declared that this amendment extends to customs administrative practice the principles of the declaratory judgments act, and that it should prove very helpful to importers in securing binding advance rulings on prospective transactions. He admitted that his earlier draft met violent opposition, but declared that he had amended it to permit an applicant to appeal to the courts and that the present draft meets all criticisms.

Wage-Hour Control Legislation Revived

OPD Washington Bureau
April 7, 1938

Another attempt to pass legislation fixing minimum wages and a maximum workweek for interstate industries will be made by the house committee on labor.

A subcommittee has completed a draft of a new bill which will be considered by the full committee next week. It would create a labor standards board of five members, with power to fix wages and hours, industry by industry. Minimum wages would be fixed on the basis of a weighted average for an entire industry, taking into consideration such factors as the cost of living, local economic conditions, wages paid under collective bargaining agreements, and local or regional differences in unit costs of manufacturing. The minimum set by the board could not be more than 5 cents an hour above the weighted average so determined, but the wage could be raised an additional 5 cents an hour each year until a minimum of 40 cents an hour is reached.

The maximum workweek could not be set at less than forty-eight hours at the start, but could be gradually reduced to forty hours.

Whale Oil Tax In Senate Bill

OPD Washington Bureau
April 6, 1938

The revenue revision bill, received by the senate today from its finance committee, contains a new provision with respect to the tax on imported whale oil. This provision amends section 601 (c) (8) of the revenue act of 1932, which imposes a tax of 3 cents per pound on imported whale and other oils, by the addition of the following proviso:—

Provided, that no whale oil, fish oil, or marine animal oil of any kind (whether or not refined, sulphonated, sulphated, hydrogenated, or otherwise processed) or fatty acid derived therefrom, shall be admitted to entry, after June 30, 1939, free from the tax herein provided, unless such oil was produced on vessels of the United States or in the United States or its possessions, from whales, fish, or marine animals, or parts thereof taken and captured by vessels of the United States.

Other new provisions in the senate revenue bill permit the tax-free importation of rapeseed oil for use in the manufacture of rubber substitutes under regulations to be drawn by the Treasury Department, and declare that the excise taxes on coconut oil and products containing it shall not apply to any article, merchandise, or combination, by reason of the presence therein of any coconut oil produced in Guam or American Samoa, or any direct or indirect derivative of such oil.

Biddle Purchasing Asks Voiding of F.T.C. Order

The Biddle Purchasing Company sought to have set aside, in the United States Court of Appeals, in this city, the cease and desist order of the Federal Trade Commission which was served on the company July 17.

Attorneys for the Biddle company, which furnishes trade information and purchasing service to subscribers, who pay for the services on a monthly basis, argued that if a charge of $50 a month is made to a buyer by the Biddle company and commissions paid by sellers on goods sold to him amount to $40, he is credited with $40 on account of his monthly charge, whereas if commissions from sellers exceed the monthly

—*Continued on page* 29

Fair Trade Proponents Plan Central Organization

A meeting of many interests concerned with the promotion of the purposes of fair trade laws was held April 4 in this city with a view to the revival of the American Fair Trade League, which was a prominent figure in the campaign for price-maintenance for many years after its launching in 1913. The consensus of the meeting was that some central organization should be formed for the co-ordinating and furthering of trade efforts to effectuate the purpose of fair trade laws. A committee was selected to work out a plan of organization and procedure, emphasis being laid on the necessity of presenting the cause of fair trade and the effects of fair trade laws in their true light to the public.

There was some difference of opinion on whether the proposed organization should continue the name, "American Fair Trade League," or adopt some other designation. One suggestion was that it should be called the "Fair Trade Foundation." Others opined that it was desirable that the title include the designation, "Institute."

R.D.Keim
Drug Manufacturer for Fair Trade

William H. Ingersoll, long a vigorous advocate of price-maintenance, presided at the meeting and was selected as chairman of the committee on organization. Other members of the committee are:—

Charles Ackerman, representing retail grocers; J. W. Anderson, of the Anderson Company, manufacturer of automobile accessories; Russell A. Atkinson, chairman of the Associated Electrical Appliance Dealers; Edgar S. Bellis, president of the New York State Pharmaceutical Association; Crichton Clarke, legal counsel; John W. Dargavel, secretary of the National Association of Retail Druggists; Charles T. Evans, secretary of the American National Retail Jewelers' Association; Robert P. Fischelis, director of research for the New Jersey Pharmaceutical Association; Lee Galloway, economic adviser; Albert H. Gregg, president of the American Cigaret & Cigar Company; F. J. Griffith, president of the Pennsylvania Drug Company; William A. Hollingsworth, president of the Retail Tobacco Dealers of America; Stanley Horner, of the National Automobile Retail Dealers Association; Henry Hoyns, of Harper & Bros.; R. D. Keim, vice-president of E. R. Squibb & Sons; Frank L. Magel, chairman of the American Booksellers Association; John W. Mettler, of the Interwoven Stocking Company; E. L. Newcomb, executive vice-president of the National Wholesale Druggists Association; Leavitt Parsons, publisher of *The Apothecary;* J. W. Scott, of the Bissell Carpet Sweeper Company.

Purpose Stated

The meeting was convened by Dr. Lee Galloway, an officer of the former American Fair Trade League, who briefly recited the need for furtherance of the fair trade movement and the retention of fair trade laws. Dr. Galloway presented William H. Ingersoll as chairman of the meeting. Reviewing the twenty-five years of endeavor for price-maintenance and its culmination in the fair trade laws, Mr. Ingersoll declared that it was highly desirable and necessary that a centralized organization be set up with the following purposes:—

To serve as a clearing house for information on all details of the state fair trade laws and the Miller-Tydings act.

To answer unfair and prejudicial statements against price-stabilization.

To gather information on the effect of price-stabilization on consumers, retailers, wholesalers, and manufacturers.

To help members in ironing out problems in connection with price-stabilization.

To combat the propaganda against the fair trade laws.

Educating the Public

In a talk on "What the Public Is Not Told About Fair Trade Laws," Hugh

—*Continued on page* 43

N.W.D.A. Committees To Meet in Chicago

The board of control of the National Wholesale Druggists Association will hold its annual Spring meeting in the Palmer house, Chicago, April 20. Sessions will be convened at 9:30 a.m. and 2:00 p.m.

The association's manufacturers' committee, under the chairmanship of Earl A. Means, of the Bristol-Myers Company, will meet in the Palmer house at 2:00 p.m. April 21 for a discussion of the present status of manufacturer-retailer and manufacturer-wholesaler fair trade contract, as well as agency or factorship agreements and voluntary stabilization policies as they relate to stabilization at both retail and wholesale. An opportunity will be afforded for manufacturers to interchange views in relation to new problems which have come up and proper methods to be used for their solution. The effect of recent court decisions on the application and enforcement of contracts will be given due consideration. It is believed that this session will afford a real opportunity for manufacturers to gain information to aid them in the conduct of their business.

—*Continued on page* 44

Philippine Tariff Schedule Formulated

OPD Washington Bureau
April 6, 1938

A plan for modifying the trade relationship between the United States and the Philippine Islands has been agreed upon in principle by President Roosevelt and by President Quezon of the Commonwealth government, it was announced today at the Department of State. New legislation will be required, and this will be recommended by the joint committee studying Philippine relationships, which will make its report soon.

Under the present Philippine independence act, the Philippines will levy an export tax on products going to the United States, beginning in 1941, at 5 percent of the full United States duty and increasing by 5 percent annually until 1946, the date of complete Philippine independence. Under the proposed plan, the United States will levy an import duty on Philippine products starting at 25 percent of the full United States tariff in 1946 and increasing 5 percent a year until 1960, when the Philippine products will be paying the full United States duties.

Closing Market Developments

Tin Salts Higher

The various tin derivatives were fractionally advanced later in the week. Straits tin was quoted around 38.65 per pound. Tin crystals were 33c. to 33½c. per pound; anhydrous tetrachloride of tin, 19½c. per pound; soda stannate, 27c. to 30c. per pound, and tin oxide, 46c. to 48c. per pound.

Cottonseed Oil Irregular

Refined cottonseed oil futures were irregular on Friday, early prices being moderately higher. Offerings were light and shorts covered. Later on liquidation caused downtrend. July closed at 8.07c. and September at 8.02c., showing a net advance for the week of about 25 points and a setback from the top prices of 15 points. The market here will be closed April 15 and 16, Good Friday and the following Saturday.

Zinc Cut by One Seller

Slab zinc prices were reduced to 4c. per pound, basis East St. Louis, by one factor Friday afternoon. Up to the time of this writing, other sellers had not followed the move and were still quoting 4.15c. per pound.

Fertlizer Tag Sales Off

Sales of fertilizer tax tags in Southern and mid-Western stated in March totaled 1,521,234 equivalent tons or 13 percent less than March, 1937, according to the National Fertilizer Association. Sales for the first three months of this year were equivalent to 2,813,667 tons against 3,116,624 tons in the same months of last year.

Foreign Tariff Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations includes the following data:—

Camphor:—A Uruguayan decree fixes a custom valuation of 1.15 pesos per net kilo on the essence of camphor. The import duty on this product is 48 percent, plus a surtax of 22½ percent, assessed on the fixed official customs valuation established by this decree.

Medicinal Products.—A Turkish decree removes the import duty on samples of medicinal products bearing the inscription denoting that they are samples to be distributed free, when no larger than one-third the actual size of the normal package for retail sale. The decree also provided that the samples must be wrapped in green paper, in order that they may be readily recognizable.

Narcotics:—Argentine has established more stringent regulations controlling the distribution of narcotics.

Parcel Post:—The United States has suspended, until further notice, the registered C.O.D. service to Mexico, as a result of the suspension of the issue of money orders in Mexico for payment in the United States. However, the C.O.D. service from Mexico or in the ordinary and registered parcel post service to and from Mexico is not affected.

Britain to Protest Mexico Oil Seizure

OPD Washington Bureau
April 7, 1938

The action of the Mexican government in expropriating American oil properties in that country continued to be the subject of diplomatic conversations in Washington during the week. The Mexican ambassador conferred with President Roosevelt and also with Secretary Hull and other officials of the Department of State, and while no details were revealed all persons concerned declared that the negotiations are proceeding satisfactorily.

Reports from Texas stated that John Bradshaw, head of the Hercules Oil Company, Dallas, was reported to have arranged for the purchase of 10,000,000 barrels of expropriated crude oil from the Mexican government.

Britain has requested the Mexican government to restore the holdings of the British-owned Aguila Company. The British decision was made known to Mexican officials by Owen St. Claire O'Mally, minister to Mexico city. Britain further informed Mexico that she considers the expropriation of foreign oil companies "inherently unjustified."

Chemical Price Weakness Grows

Weakness of price views increased last week in the markets for heavy and fine chemicals, and the price trend was downward for a variety of articles. Tin and its derivatives and imported crude naphthalene were the more important commodities affected.

Business showed some seasonal improvement, particularly in agricultural chemicals. Weak spots in industrial demand spread over wider areas.

Prices were advanced on gum rosin and potato starch. Prices were reduced on Straits tin, tin crystals, oxide and tetrachloride of tin, stannate of soda, imported crude naphthalene, slab zinc, zinc dust, quicksilver, domestic casein, gum turpentine, rosin oil, sago flour, rice starch, domestic edible egg albumen and eggyolk, ground Sicilian sumac, valonia beards and cups, domestic dried blood, and imported bone.

The REPORTER's composite index number of prices for heavy and fine chemicals was unaltered from 126.3 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER's index number is now 89.4, against 89.6 at this time last year.

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Ethyl Acetate Gets Various Denaturants

OPD Washington Bureau
April 7, 1938

New optional formulas for the denaturation of ethyl acetate have been approved by the Bureau of Internal Revenue, and may be substituted for the present requirement that one-eighth gallon of calol ethatate be added to every 100 gallons of ethyl acetate.

Manufacturers are being notified that, if they wish, they may use 1 gallon of methylisobutyl ketone or 5 gallons of denaturing grade wood alcohol (methanol) for every 100 gallons of ethyl acetate, in lieu of calol ethatate.

Other special denaturants may be used, and when a consumer desires to obtain ethyl acetate denatured with chemicals or compounds other than calol ethatate, denaturing grade with and, or methylisobutyl ketone, application must be made by the supplier in accordance with the provisions set forth in Treasury Decision 4748.

Calco Buys Campbell And Amalgamated

The Calco Chemical Company, Bound Brook, N. J., has acquired by purchase the Amalgamated Dyestuff & Chemical Works, Inc., Newark, and John Campbell & Co., 75 Hudson street, New York.

The Amalgamated Dyestuff plant will become a manufacturing division of the Calco organization and will continue to make sulphur colors, azo colors, and certain other textile products in which the former company has specialized for many years. The Amalgamated company pioneered in the manufacture of acetate colors, of which it now produces an exceptionally complete line. This department will be expanded as rapidly as possible under the Calco company's research direction.

John Campbell & Co., established in 1876, maintains branch offices in Philadelphia, Boston, Providence, and Chicago, as well as warehouses in Concord and Burlington, N. C. A new corporation has been formed under the name of John Campbell & Co., Inc., which will take over all the assets and business of the former concern.

Paint Brush Industry Prepares Trade Rules

OPD Washington Bureau
April 6, 1938

Nineteen suggested trade practice rules were formulated by the paint and varnish brush manufacturing industry at the trade practice conference held in Atlantic City, March 25, and have been presented to the Federal Trade Commission for its consideration.

Fifteen of the proposed rules fall within the so-called "Group I," and would be subject to F.T.C. cease and desist orders, and the other four are group II rules, which are expressions of policy by the industry.

Discussion centered around the exact definition of "products of the industry" and the wording to be used in indicating that brushes are made of materials other than pure bristle. On both of these questions members of the industry submitted several suggestions and the Federal Trade Commission is expected to formulate the wording.

The group I rules suggested to the commission cover false advertising; false branding or marking; marking as "pure bristle" or "bristle" brushes

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Ellis-Foster Sues Lewis on Resin Patents

The Ellis-Foster Company, Montclair, N. J., has filed suit against John D. Lewis, Inc., Providence, R. I. alleging infringement of patents covering the manufacture and sale of resins made from rosin, maleic anhydride, and glycerin. The patents involved are No. 1,722,566, No. 1,843,869, and No. 2,063,542. Papers were served in the Providence district. Allan N. Mann, New York, represents the Ellis-Foster Company, and Gifford, Scull & Burgess, also of this city, are attorneys for the defendant.

Chemical Society Meets April 18-22

The American Chemical Society will meet April 18 to 22 in Dallas, Texas. Its headquarters will be in the Adolphus hotel; the general and divisional sessions will be held in the First Baptist Church and its annex.

The general meeting is scheduled for 2:00 p. m. April 18. The Eli Lilly & Co. award in biological chemistry and the women's award in chemistry, initiated by the late Francis P. Garvan, will be conferred at this session. Per K. Frolich, of the Standard Oil Development Company, will give an address on "Chemical Trends in the Petroleum Industry"; D. P. Morgan, of Scudder, Stevens & Clark, will speak on "The Chemical Industry and Economic Progress."

A golf tournament will be held April 21 at the Lakewood Country Club. If there is a sufficient interest, a tour of the East Texas oil fields and refineries will be arranged for April 22.

Several symposiums have been arranged, among them one on "Vitamins," for the agricultural and food and medicinal divisions; one for the educational division on "Teaching of Elementary Organic Chemistry," and one on "Potash" for the industrial and engineering and physical and inorganic divisions. This last symposium, which will be conducted all day April 19 in room 100 of the First Baptist Church annex, under the chairmanship of J. W. Turrentine, will have the following program:—

J. W. Turrentine, introductory remarks.
H. I. Smith, "The Permian Salt Basin and Discoveries of Potash Therein."
R. M. Magraw, "The Occurrence and Mining of New Mexico Sylvanite" (motion pictures).
T. M. Cramer, "The Production of Potassium Chloride in New Mexico (motion pictures).
W. A. Gale, "The Chemistry of the Trona Process from the Standpoint of the Phase Rule."
R. W. Mumford, "The Production of Muriate of Potash from the Brine of Searles."
F. S. Lodge, "Potash in the Fertilizer Industry."
Emil Truog, "The Fate of Soluble Potash That Is Supplied to Soils."
G. N. Hoffer, "Deficiency Symptoms as Indicators of the Role of Potassium in Plant Metabolism."
J. W. Turrentine, "Potassium Salts as Chemical Raw Materials."
A. N. Finn, "Potash in the American Glass Industry."
J. E. Conley, A. Gabriel, and E. P. Partridge, "Equilibria in the System Potassium Sulphate-Magnesium Sulphate-Calcium Sulphate-Water at 100° C."
A. K. Brewer, "The Physiological and Biological Properties of the Isotopes of Potassium."

The division of paint and varnish chemistry, of which E. E. Ware is chairman, will hold sessions in the forenoon and afternoon April 19 in room 108 of the First Baptist Church annex. Its program is as follows:—

R. W. Kewish and D. F. Wilcock, "Flow Properties of Paints. I. Leveling."
W. A. Bush, "Leafing of Aluminum Paint Derived from Aluminum Paste."
J. B. Dorsch and J. K. Stewart, "A Method of Representing Evaporation of Lacquer Thinner Components."
Charles D. Bogin and H. L. Wampner, "The Effect of Solvent Variations on the Viscosities of Nitrocellulose and Lacquers."
T. S. Hodgins and A. G. Hovey, "A Contribution to the Knowledge of Urea-Formaldehyde Condensation Products."
H. R. Kraybill, A. W. Kleinsmith, and M. H. Thornton, "Composition and Drying Rates of Commercial Soybean Oils."
A. L. Zinser, "Paint and Varnish Specification and Control."
F. N. Speller, "Pretreatment of Metal Surfaces for Painting."
S. L. Bishkin, Jack P. Shannon, and T. J. Brewer, "Exterior Tank Coatings in the Southern Petroleum Industry."

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Small Business Ass'n Appoints N.Y. Director

Charles R. Haffenden, co-ordinator of the Executive Association of New York, has been appointed New York State director of the American Federation of Little Business. The plan of the federation, it is understood, is to follow the framework of the NRA, each type of business forming its own group and then affiliating with the federation as a business organization, and not through individual membership. Walter E. Holman, of Portland, Oregon, and Theodore Richter, jr., Milwaukee, Wis., has been added to the national advisory council of the federation as representatives for their States.

Austria Loses Tariff Favors

OPD Washington Bureau
April 7, 1938

Absorption of Austria by Germany having been recognized by the United States, the former nation has lost its privileges under the favored-nations tariff policy of this country.

President Roosevelt informed the Secretary of the Treasury today of the removal of Austria from the preferential tariff list of the United States. This means that concessions made in tariff bargains will no longer be extended to goods imported from Austria.

Preferential tariff treatment was denied to Germany some time ago. This ban has been extended to Austria in its new status of a German province. No other nation is similarly denied its share in United States tariff concessions.

N.P.V.L.A. Studies Federal Legislation

The executive committee of the National Paint, Varnish and Lacquer Association at a regular meeting held in the Hotel Pennsylvania, this city, April 5, resolved to register the association's opposition to the Gillette bill (S. 3752) which would make it unlawful for any producer, refiner or transporter of petroleum to engage in the marketing of refined petroleum products. The paint industry is a large buyer of petroleum products, and the committee believes that the enactment of this bill would result in an increase in the cost of the petroleum products the industry buys. Other legislative matters were discussed by the committee, but were not acted upon. These included the Federal anti-bribery bill (H. R. 8929) and the senate and house bills to provide funds for Federal promotion of oil-bearing crops, a measure that is sponsored by the association.

There was considerable discussion on the credit service to be established by the National Credit Office, a Dun & Bradstreet affiliate, which will provide a credit information service for raw material manufacturers selling to the paint industry. This service will not conflict with any other credit service now used in the industry. The committee also reviewed the brief to be presented by the association on the proposed reciprocal tariff agreement with Great Britain. Reports from the subcommittee on plans for the 50th annual convention to be held in Atlantic City

—*Continued on page* 36

Oil Marketing Bill Hearings Started April 5

OPD Washington Bureau
April 5, 1938

Additional testimony in favor of bill (S. 3752) to divorce the marketing of petroleum products from other branches of the industry was presented today at the second hearing on the measure to be held by a subcommittee of the senate judiciary committee.

At the same time Senator Pat McCarran of Nevada, chairman of the subcommittee, announced that a third hearing will probably be held to permit opponents of the bill to appear. He indicated that he will not permit his report to the full committee to be delayed by any dilatory tactics of persons who expect to offer testimony. C. O. Beroth, of the Illinois Petroleum Marketers Association, told the subcommittee that independent jobbers are being subjected to unduly severe competition because the major companies "have such a big edge" on the independent marketers."

Russell Williams, of the Indiana Independent Petroleum Association, said that pipelines should be separated from major oil companies and operated as common carriers. Roy L. Brecke, of the Wisconsin Petroleum Association, pointed out that the recent freight rate increase gives the major companies an additional advantage over independent jobbers, because the larger companies can ship through their own pipelines while small marketers must continue to use the railroads.

Cancer Serum Disaster Shows Fault in Drug Laws

OPD Washington Bureau
April 6, 1938

The recent deaths of twelve persons in Florida, caused by contaminated cancer serum, have complicated the work of the house committee on interstate and foreign commerce in attempting to write a section in the new food and drug bill to prevent the distribution of new and untried drugs which may be dangerous to health.

A section in the draft now before the committee, commonly called the "sulphanilimide amendment," would prevent the distribution of new drugs without a certificate from the Secretary of Agriculture stating that such preparations are not unsafe for use under the conditions prescribed. The amendment is designed to prevent a repetition of last summer's disaster, in which a large number of deaths were caused by use of elixir of sulphanilimide containing diethyleneglycol as a solvent because the manufacturer was not aware of the toxic properties of diethyleneglycol. Committee members are now asking whether the proposed amendment would have been effective in preventing the deaths from cancer serum, and if not, whether a satisfactory law could be drafted to cover such situations.

Tetanus Contamination

According to officials of the United States Public Health Service and the Food and Drug Administration, the Florida deaths were caused by the presence of tetanus virus in a cancer serum used by a number of physicians. Ten persons have died in Orlando from this cause; one in Daytona Beach; and one in Jacksonville; and two or three other patients who have received treatment with this material are still in critical condition. Physicians who administered the serum first stated that it was the product of the Hendry-Connell Laboratories, Kingston, Ontario, and known as "Ensol." On further investigation it was discovered that this product was not at fault, but that the tetanus virus was contained in batch 152 of a similar product, known as "Rex," produced by the Bio-Chemical Research Foundation of the Franklin Institute, Philadelphia. Through fast action by officials in cooperation with the distributors, all the contaminated lot has been taken out of the hands of physicians.

Technically, the contaminated batch of "Rex" was not legally seized, but all supplies in the hands of physicians were taken over by Food and Drug Administration officials as samples for analysis. At the request of the Food and Drug Administration, the Post Office Department withheld delivery of all packages sent by the Kingston laboratories, but this order was later rescinded when it was found that the Canadian product was not at fault; the Public Health Service today made public a report of the case in which it stated that none of the deaths was attributed to the product of the Kingston laboratories.

Products Outside the Law

The products, "Ensol" and "Rex," have a peculiar status which makes it difficult to apply any law to them. "Ensol" was developed a few years ago by reputable Canadian physicians who had a theory that certain micro-organ-

—*Continued on page* 43

Ceramic Society Installs Kelsey

The American Ceramic Society held its fortieth annual meeting at the Hotel Roosevelt, New Orleans, March 28 to April 2. Activities included the formal installation of officers for 1938; awards as fellows to fourteen members for outstanding accomplishments in the craft; election of two new members to the board of trustees, and four to honorary life membership; and the reading of scientific papers, followed by open discussions, on the construc-

Robert B. Sosman
Retiring President

tion of clay, glazes, enamel, glass refractories, terra cotta, and white wares. Dr. Robert B. Sosman, of the research laboratories of the United States Steel, Kearny, N. J., retiring president of the society, presided.

The following officers were installed:—President, Victor V. Kelsey, of the Consolidated Feldspar Company, Trenton, N. J.; vice-president, A. I. Andrews, of the University of Illinois; treasurer, C. F. Tefft, Columbus, Ohio, and secretary, Ross C. Purdy, Columbus, Ohio. New members of the board of trustees:—D. E. Sharp, Hartford, Conn., and E. W. Fretz, Derry, Pa.

The election of four leaders in the field of ceramics to honorary life membership in the society was a feature of the program. The recipients of this honor were:—Dr. Frederick Carder, of Corning, N. Y., regarded as the dean of glass technologists in America and

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Drug Law Revision Makes No Progress

OPD Washington Bureau
April 7, 1938

The status of the food and drug bill (S. 5) remained unchanged throughout the week, as the house committee on interstate and foreign commerce found it impossible to arrange a meeting for final consideration of a few provisions of the bill on which there has not yet been complete agreement.

Other important bills before this committee and debate on the government reorganization bill on the floor of the house have prevented consideration of the food and drug bill, but committe members insist that they will be ready to report the measure to the house in a short time.

Advertising Control Discussed by Dunn

Advertisers affected by the Lea act, which gives the Federal Trade Commission censorship and punitive powers with respect to advertising of foods, drugs, and cosmetics, must acquaint themselves fully with the application of this statute, Charles Wesley Dunn, general counsel for the Associated Grocery Manufacturers of America, told a special meeting of that organization April 6 in this city.

Reviewing the policies of the commission with respect to trade practices, Mr. Dunn said that, under the newly established advertising control, manufacturers should be guided by the following considerations:—

1. Approach this law in a constructive spirit and to effectuate its great remedial purpose, which is to protect the consuming public from a health injury; and to protect the purchasing public from an economic injury.
2. Resolve all doubts arising from the practical construction and application of this law in favor of the consuming and purchasing public.
3. Make no representation of a fact about a product unless it can be adequately proved.
4. Make no representation of an opinion about a product unless it is consistent with the character of such product and is essentially ethical and is adequately supported by authoritative opinion.

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Accurate Control
PROTECTS
Consumers

Manufacturers of

Bismuth Subcarbonate
Bismuth Subgallate
Bismuth Subnitrate
and other Bismuth Salts
Brucine Alkaloid
Brucine Sulfate
All Salts of Cinchona
Alkaloids
Codeine Alkaloid
Codeine Phosphate
Codeine Sulfate
Iodine Resublimed
Iodoform
Menthol-Y
Morphine Alkaloid
Morphine Sulfate
Opium Gum
(Gran. and Powd.)
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(Cryst.-Gran.-Powd.)
Quinine Sulfate
and other Quinine Salts
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Current Market Quotations

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When not otherwise indicated, quotations are f. o. b. New York prices on large lots. Prices changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., works.....lb. .75 - 1.00
Acetaldehyde, 99%, 55 & 110 gls., dms., dlvd..lb. .14 - —
5 & 10 gal. dms., dlvd.....lb. .16 - —
Acetamide, CP, kgs., 1,000 lb. lots, dlvd..lb. .44 - —
tech., kgs, 1,000 lb. lots, dlvd. lb. .39 - —
Acetanilide, tech., 95%, bbls..lb. .29 Nom.
USP, cryst., bbls., 2,000 lb. lots lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25 lb. lots.....lb. .38 - —
kgs, 2,000 lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000 lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25 lb. lots.....lb. .36 - —
kgs., 2,000 lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoacetanilide, dms.....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd.....lb. .06¼- —
tanks, dlvd.....lb. .04¾- —
Methyl (see M)
Acetonphenone, bots.....lb. 1.30 - 1.45
cns., 25 lbs.....lb. 1.15 - 1.25
dms., 100 lbs.....lb. 1.05 - —
Acetophenetidin, bbls., kegs, 1,000 lbs..lb. 1.30 - —
single pkg.....lb. 1.35 - —
smaller pkgs.....lb. 1.82 - 1.40
Acid, abietic, dms., c.l.....lb. .08¾- —
l.c.l. .....lb. .09 - —
Acetic, coml. or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys. .....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys. .....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys. .....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys. .....100 lbs. 6.39 - 6.64
glacial, nat., CP., cbys..100 lbs. 14.00 - —
99.5%, nat., bbls., c.l., 100 lbs. 7.62 - 7.87
cbys. .....100 lbs. 8.12 - 8.37
syn., al. dms., c.l.100 lbs. 8.43 - 8.68
cbys. .....100 lbs. 8.98 - 9.18
USP, dms.....100 lbs. 10.25 -10.50
cbys. .....100 lbs. 10.75 -11.00
pure, 30%, bbls., c.l..100 lbs. 3.28 - 3.53
cbys. .....100 lbs. 3.78 - 4.03
36%, bbls., c.l.....100 lbs. 3.66 - 3.91
cbys. .....100 lbs. 4.16 - 4.41
60%, bbls., c.l.....100 lbs. 6.15 - 6.40
cbys. .....100 lbs. 6.65 - 6.90
80%, bbls., c.l.....100 lbs. 7.68 - 7.93
cbys. .....100 lbs. 8.18 - 8.43

Acetic acid prices above apply delv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11½
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, USP, bbls., 200 lbs..lb. .60 - —
boxes, 25 lbs.....lb. .61 - —
kgs., 100 lbs.....lb. .60 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs...lb. .22 - .25
Ascorbic, bots., dms.....oz. 3.35 - 3.60
Battery, cbys, c.l., E. works 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.105.00 - —
c.l., delvd.....ton.110.00 - —
l.c.l., ex whse.....ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton. 95.00 - —
c.l., delvd.....ton.100.00 - —
l.c.l., ex whse.....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd.....ton.115.00 - —
l.c.l., ex whse.....ton.120.00 -135.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd.....ton.105.00 - —
l.c.l. ex whse.....ton.110.00 -125.00
USP, $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cns.....lb. 5.50 - 5.70
Capric, dms.....lb. .12 - .12½
Caproic, cns.....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .17½- .18
Chinawood oil, dms.....lb. .18 - .18½
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., delvd. N. Y..lb. .15¼- .17¼
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., bbls.....lb. .24 - —
kegs .....lb. .24½- —
gran., bbls.....lb. .24 - —
kegs .....lb. .24½- —
powd., bbls.....lb. .24½- —
anhyd., gran., dms.....lb. .26½- —
powd., dms.....lb. .27 - —

Prices on citric acid are f.o.b. N. Y., Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls.....lb. .57 - —
Acid, coconut oil, dist., dms..lb. .09½- .10
Corn, dist., dms.....lb. .06 - .06¼
Cottonseed oil, dist., dms....lb. .0635- .0735
tanks .....lb. .0585- —
Cresylic, high-boil, dom., c.l., works, frt. equaled..gal. .89 - —
l.c.l., same basis.....gal. .91 - —
low-boil, dms., c.l., works frt. equaled..gal. .92 - —
l.c.l., same basis.....gal. .94 - —
imported, pale, 97-99, dms.gal. .85 - .87
special resin grade, dms., c.l., works..lb. .10¾- —
l.c.l., same basis.....lb. .11¼- —
Crotonic, bbls., dlvd.....lb. .21 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital))
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l...lb. .10½- —
l.c.l., 25 and over.lb. .11 - —
1-24 .....lb. .11½- —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l., lb. .1170- .1240
l.c.l., 25 and over.....lb. .1220- .1290
1-24 .....lb. .1270- .1320
Fumaric, bbls. .....lb. .75 - —
Gallic, tech., bbls.....lb. .70 - .73
N. F., VI, bbls., 250 lbs., 5 or more..lb. .77 - —
single bbls. .....lb. .80 - —
fib. dms., 25 lbs.....lb. .81 - —
Gamma, bbls. .....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls. .....lb. .50 - .55
Hempseed oil, dms.....lb. .1180- .1225
Hydriodic, 47%, bots.....lb. 2.20 - 2.25
57%, bots. .....lb. 2.65 - 2.70
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .0750
lead, cbys. .....lb. .09 - .0950
48%, lead cbys.....lb. .1150- .12
52%, lead cbys.....lb. .1250- .13
60%, lead cbys.....lb. .15 - .1550
Hydrofluosilicic, 30-35%, bbls.lb. .10¼- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11½
plastic grade .....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12½
plastic grade.....lb. .13¼- .14½
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22½
USP, XI, 85%, cbys.....lb. .43 - .45
USP, VIII, 75%, cbys.....lb. .41 - .43
Lauric, split, dms.....lb. .08½- .09
Laurent's, bbls.....lb. .45 - —
Levulinic, 5lb. bots., works.lb. 2.00 - —
Linseed, oil, dark or light, dms..lb. .1200- .1240
tanks .....lb. .1140- —
extra white, dms.....lb. .13 - .13½
Maleic, powd., dms.....lb. .30 - .40
anhydride, dms.....lb. .33 - .43
Malic powd., kegs.....lb. .45 - .60
Mandelic, bots.....lb. 2.30 - —
fib. dms.....lb. 2.05 - 2.20
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloroacetic, tech., bbls.lb. .15 - .18
Monosulphonic, bbls. .....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9, works..100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works..100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
C.P., USP, dealers, cbys..lb. .06½- —
6-lb. bots.....lb. .18½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .20 - —
Myristic, dist., dms.....lb. .15¾- .16¼
Naphthenic, S.V. 120-200, dms., lb. .07 Nom.
210-230, dms.....lb. .09 Nom.
240-280, dms.....lb. .10 Nom.
sludges, dms.....lb. .05 Nom.
Neville & Winther's, bbls....lb. .63 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works..100 lbs. 5.95 - —
38°, cbys., c.l., E. works, 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
Acid, nitric, 40°, cbys., c.l., E. works..100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works. 100 lbs. 6.50 - —
l.c.l., 25 and over, works. 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., USP, dealers, cbys...lb. .11½- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
71b. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, d. dist., dms.....lb. .0650- .0740
s. dist., dms.....lb. .0590- .0680
Perilla, dist., dms.....lb. .1522- .1572
Phenylacetic, bots.....lb. 1.85 - 3.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys.....lb. .09 - —
USP, 85%, s. g. 1.710, cbys., 180 lbs..lb. .12 - —
50% s. g., 1347, cbys., 70 lbs..lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.05 - —
cns. .....lb. 1.10 - —
USP, cryst., cns.....lb. 1.45 - 1.63
resubl., cns.....lb. 2.05 - 2.15
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms.....lb. .38 - —
tech., bbls.....lb. .13 - —
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .40 - .45
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works.....lb. .37 - .41
Soybean oil, dist., dms.....lb. .09 - .09¼
Stearic, distil., double pressed, bgs., dlvd..lb. .11 - .12
single pressed, bgs., dlvd..lb. .10½- .11½
triple pressed, bgs., dlvd..lb. .13¾- .14¾
saponif., double pressed, bgs., dlvd..lb. .11¼- .12¼
triple pressed, bgs., dlvd.lb. .14 - .15
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
C.P., USP., dealers, cbys., lb. .06½- —
9-lb. bots. .....lb. .16½- —
consumers, cbys. .....lb. .08 - —
9-lb. bots. .....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls., dms...lb. .40 - .47
USP, fluffy, bbls., 1,000 lb.- 100-lb. lots .....lb. .90 - —
25-lb. lots .....lb. .93 - —
powd., bbls., 1,000 lbs....lb. .78 - —
smaller lots .....lb. .80 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .25¼- —
smaller quantities.....lb. .25¾- —
kgs. .....lb. .26¼- —
Tobias, bbls. .....lb. .65 - —
Trichloroacetic, bots. .....lb. 2.00 - 2.50
Tungstic, CP, kgs. works....lb. 2.85 - 3.10
tech., kgs., works.....lb. 1.90 - 2.00
Aconite, leaves, bls.....lb. .25 - .26
Root, bls.....lb. .29 - .32
Aconitine, amorph., bots.....oz.17.00 -18.00
vis. .....gr. .06 - .09
cryst., bots.....oz.30.00 - —
vis. .....gr. .09 - .11
Adeps lanae, anhyd., dms....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar, 1, bls.....lb. .90 - .95
2, bls.....lb. .85 - .90
3, bls.....lb. .65 - .67
Agaric, white, bls.....lb. 3.00 - 3.20
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld...lb. .13 - —
pow'd, grade A, same basis, ton lots..lb. .15 - —
lots..lb. .88 - —
smaller lots, same basis. lb. .18 - —
light, dom., flake, dms., f.o.b., Chicago., frt. alld. lb. .52 - .60
import, bgs. .....lb. .50 - —
Egg, ed., dom., cryst., bbls., lb. .82 - .84
dom., pwd., dms., bbls., lb. .88 - .90
import. cs. .....lb. .85 - —
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .133 - —
l.c.l., frt. alld.....lb. .143 - —
tanks, frt. alld.....lb. .123 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- .10
l.c.l., same terms.....lb. .10 - .10¼
tanks, same terms.....lb. .08½- .09
Benzyl, cans.....lb. .68 - —
drums .....lb. .63 - —
Butyl, normal, dms., c.l., frt. alld..lb. .10 - —
l.c.l., frt. alld.....lb. .10½- —
tanks, frt. alld.....lb. .09 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —

Alcohol, butyl, tertiary, denat., dms., frt. alld..lb. .14 - —
Capyri, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l., dms.....lb. .95 - —
import, 85%, 100 lb. dms...lb. .55 - —
5 to 10 lbs.....lb. .75 - —
coml., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots.....lb. 2.00 - 2.50
Denatured, CD11, 12, 13, dms., c.l., works, E..gal. .33 - —
l.c.l., works, 20 dms....gal .35 - —
1 to 19 dms.....gal. .38 - —
tanks, E., works.....gal. .27 - —

Prices for territories other than E. of Rockies, 3c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., bbls., c.l., E. works..gal. .32 - —
19 bbls., E. works...gal. .34 - —
1 to 18 bbls., E. works, gal. .37 - —
dms., c.l., E. works....gal. .31 - —
19 dms., E. works...gal. .33 - —
1 to 18 dms., E. works, gal. .36 - —
tanks, E. works.....gal. .25 - —

Anhydrous, 5c. per gal. higher.

SD23-G, works, E., dms., c.l., gal. .35½- —
19 dms.....gal. .37½- —
1 to 18 dms.....gal. .40½- —
tanks .....gal. .29½- —

Prices for territories other than E. of Rockies, 3c. per gal. higher.

Special solvent, dms., c. l., E. works..gal. .32 - —
20 dms., E. works...gal. .34 - —
1 to 19 dms., E. works, gal. .37 - —
tanks, E. works.....gal. .26 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt., alld..lb. .11½- —
l.c.l., frt. alld.....lb. .12 - —
tech., contract, dms., c.l., frt. alld..lb. .10¼- —
l.c.l., frt. alld.....lb. .11 - —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.11 - —
19 bbls.....gal. 4.13 - —
1 to 18 bbls.....gal. 4.16 - —
dms., c. l.....gal. 4.10 - —
19 dms.....gal. 4.12 - —
1 to 18 dms.....gal. 4.15 - —
tanks .....gal. 4.04 - —
absolute, dms., c.l.....gal. 4.40 - —
19 dms.....gal. 4.42 - —
1 to 18 dms.....gal. 4.45 - —

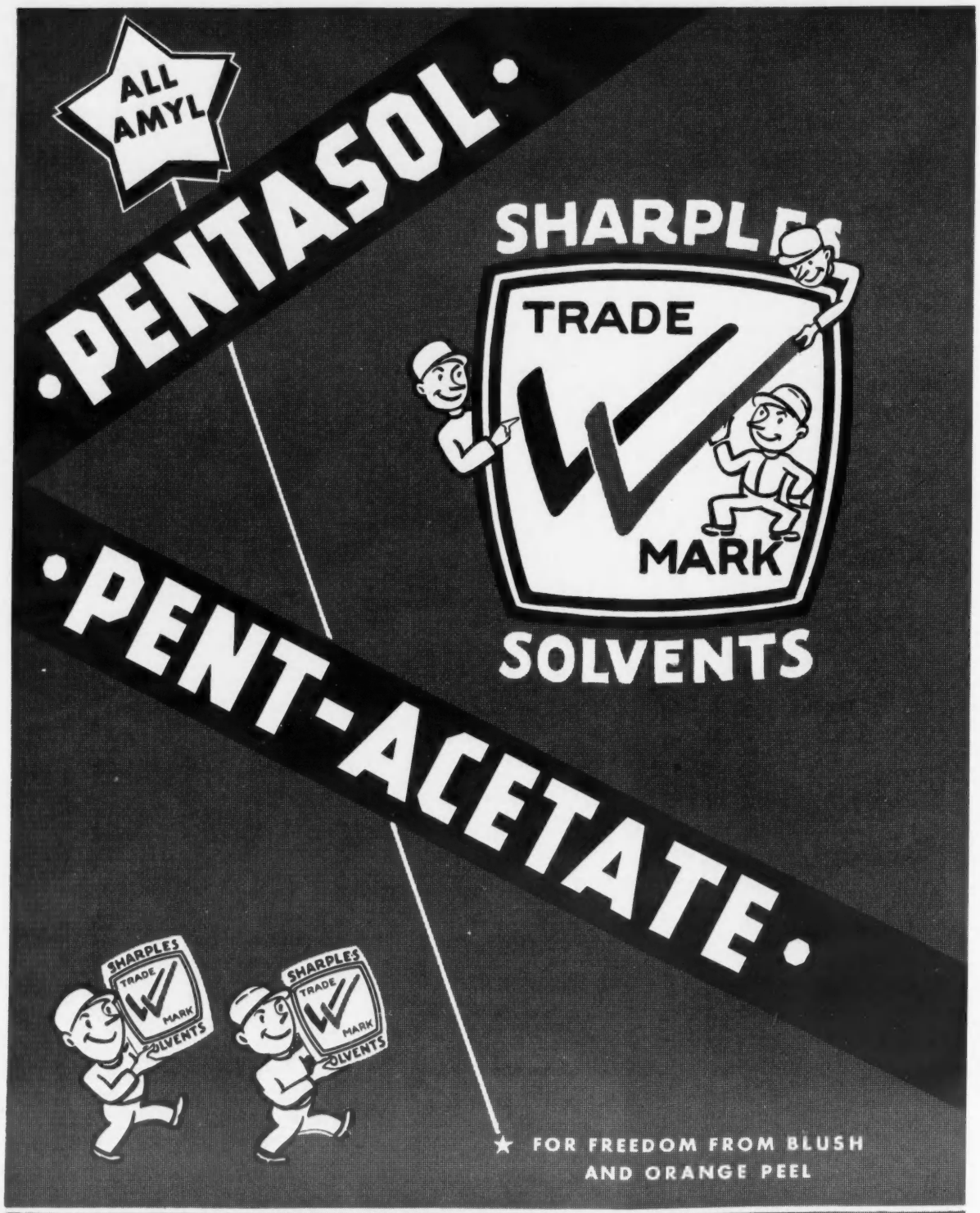
Grain alcohol 45c. per gal. higher.

Furfuryl, tech., cns., works..lb. .45 - —
dms., c.l., 33,000 lbs., works, lb. .30 - —
l.c.l., 500 lbs. and more, works..lb. .35 - —
Hexyl, secondary, dms., c.l., frt. pd. E. of Rocky Mts.lb. .13 - —
l.c.l., same terms.....lb. .13½- —
tanks, same terms.....lb. .12 - —
Isoamyl, primary, dms., l.c.l., divd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies.lb. .08½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Isopropyl, 99%, c.l., dms., f.o.b., dest..gal. .36 - —
l.c.l., same basis.....gal. .41 - —
tanks, same basis.....gal. .31 - —
refd., 91%, dms., c.l., same basis..gal. .36 - —
l.c.l., same basis.....gal. .41 - —
tanks, same basis.....gal. .31 - —
tech., 91%, dms., c.l., same terms..gal. .33½- —
l.c.l., same terms....gal. .38½- —
tanks, same terms....gal. .28½- —
98%, dms., c.l., same terms, gal. .37½- —
l.c.l., same terms....gal. .42½- —
tanks, same terms.....gal. .32½- —
Methyl (see Methanol)
Phenylethyl, bots., cns.....lb. 2.70 - 4.25
Propyl (see Isopropyl)
Aldehol, denat., grade, dms., tanks, works.....gal. .70 - .72
Aldehyde bisulphite bbls., dlvd. lb. .17 - —
smaller containers.....lb. .20 - —
Aldol, 95%, 55 & 110 gal. dms., divd..lb. .20 - —
5 & 10 gal. dms., dlvd....lb. .22 - —
Aletris root, bgs.....lb. .40 - .41
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .10 - .11
Aloe, Barbados, true, cs.....lb. .95 - .99
Cape, cs.....lb. .22 - .25
Curacao, cs. .....lb. .85 - .97
gourds, bbls.....lb. .50 - .55
Socotrine, kgs.....lb. .45 - .60
Aloin, 140-lb. bbls.....lb. 2.00 - —
100-lb. kegs.....lb. 2.02 - —
25-lb. fib. dms.....lb. 2.09 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, cube cut, bls....lb. .30 - .32
Alum, ammonia, burnt, USP, bbls. kgs..lb. .16 - .19
gran., bbls., works....100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila..100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.40 - 3.65
dlvd, N.Y., Phila..100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 3.55 - 3.80
dlvd. N.Y., Phila..100 lbs. 3.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Alum—Ammoniac, Sal

Alum, potash, gran., bbls., works, 100 lbs.	3.40	3.65
dlvd. N.Y., Phila. 100 lbs.	3.40	—
lump, bbls., works 100 lbs.	3.65	3.90
dlvd. N.Y. Phila. 100 lbs.	3.65	—
powd., bbls., works 100 lbs.	3.80	4.05
dlvd. N.Y., Phila. 100 lbs.	3.80	—
Potash alum prices on same basis as those for ammonia alum.		
Potash-chrome, bbls. lb.	.06¼	.06½
Soda, bbls., c.l., works 100 lbs.	2.25	—
l.c.l., dlvd. 100 lbs.	4.25	5.00
Alumina acetate, 20% normal solut., bbls., c.l., dlvd. lb.	.07½	—
l.c.l., dlvd. lb.	.09	—
32%, basic solut., bbls., c.l., dlvd. lb.	.10	—
l.c.l., dlvd. lb.	.12	—
basic powd., bbls., dlvd. lb.	.40	—
smaller containers, dlvd. lb.	.50	—
Formate, 30% solut., bbls., c.l., dlvd. lb.	.13	—
l.c.l., dlvd. lb.	.15	—
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works. lb.	.05	—
12,000 to 40,000 lbs., works. lb.	.06	—
1,100 to 11,000 lbs., works. lb.	.07	—
140 to 875 lbs., works. lb.	.08	—
100 lbs., or less, works. lb.	.09	—
cryst., com'l, dms., c.l., works. lb.	.05	—
l.c.l., dms., works. lb.	.06½	—
solution, 32 deg., cbys., c.l., works. lb.	.02¾	—
l.c.l., cbys., works. lb.	.03¼	—
Alumina, hydrate, heavy, bbls., c.l., works. lb.	.0290	—
l.c.l., bbls. to	03½	—
bgs., c.l. lb.	.0260	—
light, bbls., dlvd. lb.	.12	—
Oleate, dms., contr. lb.	.16¾	—
open order. lb.	.17½	.18½
Palmitate, precip., bbls. lb.	.23	—
Resinate, precip., dms., dlvd. lb.	.15	—
Stearate, precip., bbls., ctns., c.l. lb.	.19	—
l.c.l., ton. lb.	.20	—
less than ton. lb.	.21	—
Sulphate, com'l, bgs., c.l. works, frt. equaled. 100 lbs.	1.35	—
l.c.l., works, frt. equald.. 100 lbs.	1.60	—
bbls., c.l., works, frt. equald. 100 lbs.	1.55	—
l.c.l., works, frt. equald. 100 lbs.	1.80	—
iron-free, bgs., c.l., works... 100 lbs.	2.00	—
l.c.l., works. 100 lbs.	2.25	2.40
truckloads, bgs. 100 lbs.	2.40	—
10 to 24, dlvd. met. N.Y. 100 lbs.	2.55	—
5 to 9, dlvd. met. N.Y. 100 lbs.	2.80	—
1 to 4, dlvd. met. N. Y. 100 lbs.	3.30	—
bbls., c.l., works. 100 lbs.	2.20	—
l.c.l., works. 100 lbs.	2.45	—
truckloads, dlvd., met. N.Y. 100 lbs.	2.60	—
10 to 24, dlvd. met. N.Y. 100 lbs.	2.75	—
5 to 9, dlvd. met. N.Y. 100 lbs.	3.00	—
1 to 4, dlvd. met. N.Y. 100 lbs.	3.50	—
Aluminum, 98-99%, dms., c.l. lb.	.20	—
l.c.l. lb.	.21	—
paste, extra fine lining, dms., 30,000 lbs., frt. alld. E. of Miss. lb.	.63	—
5,000 lbs., same basis. lb.	.64	—
1,500 lbs., single shipt., same basis. lb.	.65	—
On 1,500-lb. orders in split shipment the price is ½c. higher in lots of 400 lbs. and more; 1c. higher in lots of 200-399 lbs.; 3c. higher in lots of 10-199 lbs.; on smaller orders the price is higher than the 1,500-lb. basis by 1c. in lots of 1,000 lbs. and more; 2c. on 400-999 lbs.; 5c. on 200-399 lbs.; 10c. on 10-199 lbs.		
ink, dms., 30,000 lbs., same basis. lb.	.73	—
6,000 lbs., same basis. lb.	.74	—
1,500 lbs., single shipt., same basis. lb.	.75	—
split shipts. (see note fine lining paste).		
standard, dms., 30,000 lbs., same basis. lb.	.41	—
5,000 lbs., same basis. lb.	.42	—
1,500 lbs., single shipt., same basis. lb.	.43	—
split shipts. (see note fine lining paste).		
powder, lining, extra fine, dms., 30,000 lbs., same basis. lb.	.90	—
6,000 lbs., same basis. lb.	.91	—
1,500 lbs., single shipt., same basis. lb.	.92	—
split shipts. (see note fine lining paste).		
standard, dms., 30,000 lbs., same basis. lb.	.55	—
5,000 lbs., same basis. lb.	.56	—
Aluminum, powd., lining, standard, dms., 1,500 lbs., single shipt., same basis. lb.	.57	—
split shipts. (see note fine lining paste).		
litho, extra brilliant, dms., 30,000 lbs., same basis. lb.	.41	—
5,000 lbs., same basis. lb.	.42	—
1,500 lbs., single shipt., same basis. lb.	.43	—
split shipts. (see note fine lining paste).		
extra fine, dms., 30,000 lbs., same basis. lb.	.45	—
5,000 lbs., same basis. lb.	.46	—
1,500 lbs., single ship., same basis. lb.	.47	—
split shipts. (see note fine lining paste).		
standard dms., 30,000 lbs., same basis. lb.	.40	—
5,000 lbs., same basis. lb.	.41	—
1,500 lbs., single shipt., same basis. lb.	.42	—
split shipts (see note fine lining paste).		
unpolished, dms., 30,000 lbs., same basis. lb.	.35	—
5,000 lbs., same basis. lb.	.36	—
1,500 lbs., single shipt., same basis. lb.	.37	—
split shipts. (see note fine lining paste).		
varnish, extra brilliant, dms., 30,000 lbs., same basis, lb.	.41	—
5,000 lbs., same basis. lb.	.42	—
1,500 lbs., single shipt., same basis. lb.	.43	—
split shipts. (see note fine lining paste).		
extra fine, dms., 30,000 lbs., same basis. lb.	.45	—
5,000 lbs., same basis. lb.	.46	—
1,500 lbs., single shipt., same basis. lb.	.47	—
split shipt. (see note fine lining paste).		
standard, dms., 30,000 lbs., same basis. lb.	.40	—
5,000 lbs., same basis. lb.	.41	—
1,500 lbs., single shipt., same basis. lb.	.42	—
split shipts. (see note fine lining paste).		
Ambergris, gray, tins. oz.	17.00	36.00
Aminopyrine, fib., dms., 100 lbs., lb.	4.00	—
bots., 5 lbs. lb.	4.22	4.25
Ammonia, acetate, kgs. lb.	.26	.28
Aldehyde, dms. lb.	.65	.70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works. lb.	.04½	—
refrigeration, tanks, works. lb.	.05	—
pure, cyls., dlvd., met. N.Y., lb.	.16	.22
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.		
Aqua, 26°, cbys. lb.	.05¼	—
dms., c.l. lb.	.02¾	—
l.c.l. lb.	.02½	—
tanks (on NH_3 content), dlvd., E. lb.	.05	.05½
Benzoate, dms., 4,000 lbs. or more. lb.	.41	.42
1,000 lbs. to 3,900 lbs. lb.	.42	.43
900 lbs. or less. lb.	.45	.46
kgs., 4,000 lbs. or more. lb.	.40	—
1,000 lbs., to 3,900 lbs. lb.	.41	—
900 lbs. or less. lb.	.44	—
Bicarbonate, bbls., c.l., works, 100 lbs.	5.15	—
l.c.l., dlvd. N. Y. 100 lbs.	5.71	—
Bichromate, bbls. lb.	.32	—
Bifluoride, bbls. lb.	.17	.19
Borate, bbls., kgs. lb.	.15	.16
Bromide, gran., bbls. lb.	.35	—
bxs. lb.	.38	.39
kgs. lb.	.36	—
Carbonate, tech., dom., bbls. lb.	.08	.12½
imported, csks. lb.	.08	.12½
USP, lump, dms. lb.	.08	.17
powd., bbls., dms. lb.	.09	.25
Chloride, tech. (see Ammoniac, sal).		
USP, gran., 225 lb. bbls. lb.	.12	.13
100 lb. kgs. lb.	.15	—
Citrate, dms. lb.	.80	—
cns. lb.	.85	—
Fluoride, bbls. lb.	.17	.19
Hydroxide, (see Ammonia, aqua),		
Hypophosphite, fib., dms. lb.	1.10	1.17
jars lb.	1.20	—
Iodide, 5-lb. bots. lb.	3.32	—
jars lb.	3.25	—
Laurate, bbls. lb.	.23	—
Linoleate, 80%, anhyd., bbls. lb.	.15	—
Molybdate, kgs., wks. lb.	1.05	1.20
Naphthenate, bbls. lb.	.17	—
Nitrate, tech., bags, c.l., works, 100 lbs.	3.60	—
l.c.l., works. 100 lbs.	3.85	—
bbls., c.l., works. 100 lbs.	3.80	—
l.c.l., works. 100 lbs.	4.05	—
Oleate, dms. lb.	.15	—
Oxalate, neutral, cryst., powd., bbls., kgs. lb.	.19	.20
Perchlorate, kegs. lb.	.16	—
Persulphate, kgs. lb.	.21	.22
Phosphate, dibasic, N.F.V., bls., lb.	.37	—
kgs. lb.	.39	—
tech., bbls., c.l. lb.	.07½	—
l.c.l. lb.	.09	.10
monobasic, crude (fert. grade), 11% N 18% phos. bulk, f.o.b. E. works., unit-ton.	1.20	.70
pure, bbls. lb.	.40	.45
tech., bbls., c.l. lb.	.07½	—
l.c.l. lb.	.09	.10
Ricinoleate, bbls. lb.	.15	—
Salicylate, U.S.P., kgs. lb.	1.15	1.20
Sulphate, dom., bulk, c.l., f.o.b. ports or ovens. ton.	29.50	—
Ammonia sulphate bag packing charged extra at $1.30 per ton for 200's and $2 per ton for 100's. Deliveries in Ill., Mich., Ind., Ohio, Wis., and Ohio river destinations in Ky. are f.o.b. ovens freight allowed.		
Sulphide, liquid, 35-40%, basis 100%, dms., works. lb.	.12	.15
tanks, delvd. lb.	.11	—
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works. lb.	.14	—
smaller lots, works. lb.	.16	—
pure, 99-100%, kgs. lb.	.55	—
Ammoniac, gum (see Gum, ammoniac).		
Sal, gray, dom., bbls., c.l., 100 lbs.	5.50	5.75
l.c.l. 100 lbs.	6.00	6.70



Ammoniac, sal, white, gran., dom., bbls., contracts, N. Y., l.c.l...100 lbs. 4.90 - 5.05
import, cake, ...100 lbs. 5.00 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .11 - —
l.c.l., frt., alld.....lb. .11½- —
tanks, works.....lb. .10 - —
ex pentane, dms., frt. alld.lb. .125 - —
l.c.l., frt., alld.....lb. .135 - —
tanks, frt., alld.....lb. .115 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Cinnamic aldehyde, cns.....lb. 2.00 - 2.25
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works...lb. .26 - —
Amylene, dms., c.l., works...lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.30 - 1.35
Angelica root, dom., bls.....lb. .16 - .22
import, natural, bls.....lb. .20 - .22
twisted, bls.....lb. .30 - .40
Angostura bark, bls.....lb. .30 - .31
Anilin oil, dms.....lb. .15 - .16
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .13 - .13½
Star, bgs.....lb. .14 - .15
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
seed, bgs .....lb. .07½- .08
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .13¾- —
Needle, powd., bbls.....lb. .14 - .16
Oxide, bbls., c.l.....lb. .12½- —
l.c.l. .....lb. .13 - —
Antimony, Salts, 65%, kgs.....lb. .26 - .27
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c..lb. .12½- .15¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, con., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots..oz. 4.35 - 4.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. 32.00 -34.00
Arnica flowers, bls.....lb. .29 - .35
Root, bls.....lb. .45 - .46
Arrowroot, St. Vincent, powd., bgs..lb. .08¾- .08¾
bbls. .....lb. .08½- .09
Arsenic iodide (arsenous), 5 lb. bots..lb. 5.15 - —
jars .....lb. 5.00 - —
Metal, lump, cs.....lb. .42 - .43
Red, import, cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Arsenous chloride, cns.....lb. 4.85 - —
Asafetida, cs.....lb. .25 - .26
powd., bbls., bxs.....lb. .40 - .41
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton. 40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton. 30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton. 25.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton. 23.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton. 19.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton. 16.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton. 14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .03½- —
smaller lots, f.o.b. N. Y.lb. .10¼- —
California, dms., c.l., f.o.b. N.Y. ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 60.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —
Egyptian, bgs., c.l., f.o.b. N.Y.lb. .12 - —
l.c.l., f.o.b. N.Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton. 32.00 - —
seconds, bgs., c.l., Western shipt. points .....ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton. 49.50 - —
Jet., bgs., c.l., Western shipping points..ton. 30.50 - —
Maltha, dms., c.l., f.o.b. N.Y. ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Manjak (see Asphaltum, Barbados)
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif, refinery...ton. 12.50 -14.00
East Coast, refinery...gal. .06 - .06¼
Ill., Ind., refinery.....gal. .06¼- —
N. Orleans refinery....gal. .06 - —
Atropine, bots. .....oz. 5.25 - 5.80
Sulphate, bots. .....oz. 2.85 - 2.95
cns. .....oz. 2.80 - —

B

Balm of Gilead buds, bgs.....lb. .35 - .40
Barberry bark, bgs.....lb. .20 - .22
Tree bark, bls.....lb. .09 - .10
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works..ton. 44.00 - —
99%, 200 mesh, bgs., c.l., works..ton. 47.00 - —
precip., bgs., c.l., works.ton. 52.50 - —
bbls., works.....ton. 57.50 - —
l.c.l., bgs., works.....ton. 57.50 - —
bbls., works.....ton. 62.50 - —
Barium, carbonate, sulphur-free bgs., bbls., c.l., works.ton. 57.50 -62.50
Chlorate, kgs.....lb. .16½- .17½
Chloride, C.P., cryst., bbls..lb. .19 - —
dms. .....lb. .20 - —
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton. 77.00 - —
bbls., same basis....ton. 79.00 - —
l.c.l., bgs., same basis, ton. 90.00 - —
bbls., same basis..ton. 92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla..ton. 81.00 - —
bbls., same basis..ton. 83.00 - —
l.c.l., bgs., same basis, ton. 94.00 - —
bbls., same basis..ton. 96.00 - —
Zone 3, bgs., c.l., dlvd., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz., ton. 87.00 - —
bbls., same basis..ton. 89.00 - —
l.c.l., bgs., same basis, ton. 100.00 - —
bbls., same basis..ton. 102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton. 83.00 - —
bbls., same basis..ton. 85.00 - —
l.c.l., same basis....ton. 96.00 - —
bbls., same basis..ton. 98.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .11½- .12
Fluosilicate, bbls.....lb. .11½- .12
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05½
Iodide, bots. .....lb. 4.30 - 4.45
Monoxide (see Oxide).
Nitrate, cks. .....lb. .07 - .07½
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09¼- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton. 23.65 - —
l.c.l., ex whse., Boston, ton. 36.00 - —
Chicago .....ton. 31.15 - —
Cleveland .....ton. 33.50 - —
New York.....ton. 32.00 - —
paper bgs., c.l., St. Louis, ton. 22.85 - —
l.c.l., ex car, Baltimore, ton. 30.70 - —
Boston .....ton. 31.70 - —
Philadelphia .....ton. 30.50 - —
ex whse., Baltimore..ton. 32.10 - —
Boston .....ton. 35.20 - —
Chicago .....ton. 30.35 - —
Cleveland .....ton. 33.00 - —
Detroit .....ton. 33.00 - —
Kansas City.....ton. 30.93 - —
Los Angeles.....ton. 42.00 - —
New York.....ton. 31.50 - —
Philadelphia .....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto .....ton. 39.30 - —
Southern off color, bulk, mines..ton. 12.00 - —
95,75%, bulk, mines.....ton. 16.00 - —
ore, bulk, mines, long ton. 7.00 - —
German, grd., bbls., c.l., dock, t.a...ton. 25.00 -26.00
l.c.l., ex whse.....ton. 30.00 - —
ungrd., bulk, c.l., ex dock, ton. 13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton. 29.50 Nom.
l.c.l., ex whse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .71½ Nom.
Bayberry bark, bgs.....lb. .15 - .18
Belladonna leaves, bls.....lb. .14 - .16
Root, bls. .....lb. .11 - .12
Bentonite, 200 mesh, bgs., Wyo. works..ton. 11.00 - —
325 mesh, bgs., Wyo. works, ton. 16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
Benzol tankcar prices, West, f.o.b. sellers' works.
Benzoyl chloride, dms.....lb. .40 - .47
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cns..lb. .94 - —
dms. .....lb. .89 - —
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms.....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.20 @ 3.50
Berberine bisulphate, cns.....lb. 16.75 - —
Hydrochloride, cns.....lb. 16.75 - —
Sulphate, cns.....lb. 16.75 - —
Berberis root, bls.....lb. .15 - .16
Betanaphthol, subim., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib, dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .20 - .22
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., 5-lb. bots...lb. 1.34 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
fib, dms.....lb. 1.13 - 1.16
Subcarbonate, bots., cns.....lb. 1.22 - 1.48
fib. dms.....lb. 1.13 - 1.16
X-ray, 5-lb. bots.....lb. 2.42 - —
fib. dms.....lb. 2.36 - —
Subgallate, bots., cns.....lb. 1.42 - 1.68
fib. dms. .....lb. 1.33 - 1.36
Subiodide, cns.....lb. 3.91 - —
fib. dms.....lb. 3.88 - —
Subnitrate, powd., bots., cns., lb. 1.12 - 1.38
fib. dms.....lb. 1.03 - 1.06
Subsalicylate, 62-66%, bxs..lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots...lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16½- —
1, bbls., bgs., c.l., frt. alld. E. lb. .12½- —
l.c.l., frt. alld, E.....lb. .13 - —
2, bbls., bgs., c.l., frt. alld E. lb. .10½- —
l.c.l., frt. alld, E.....lb. .11 - —
3, bbls., bgs., c.l., frt. alld. E. lb. .09½- —
l.c.l., frt. alld, E.....lb. .10 - —
4, bbls., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld, E.....lb. .09 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld, E.....lb. .08 - —
6, bbls., bgs., c.l., frt. alld. E. lb. .06½- —
l.c.l., frt, alld. E.....lb. .07 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .09 - —
l.c.l., frt. alld. E.....lb. .09½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bgs., ctns., l.c.l., dlvd..lb. .06¾- —
cs., l.c.l., dlvd.....lb. .07½- —
2 bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4 bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs, l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in N. A. (water freights extra). lb. .02¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0310- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States).lb. .0319- —
30,000 lbs., dlvd., Zone C, Pac. Cst. States.lb. .0335- —
D (Ill., Ia., Wis.)...lb. .03¼- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)...lb. .0341- —
F (Me., Md., Mass., N. H., N. J., part of N Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico) f.o.b. border, lb. .03 - —
f.o.b. N. Orleans, lb. .029 - —
l.c.l., f.o.b. whse.....lb. .05¾- —
bgs. or ctns. (sellers option) l.c.l., dlvd..lb. .06¼- —
bulk, tanks, same price as bags in each zone.
cs., l.c.l., dlvd.....lb. .07 - —
export, full, comprsd., cs., f.a.s. Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .05¼ Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Import, 1, bbls., c.l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4 bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y., lb. .04¼- —
B, bbls., works or N. Y....lb. .03½- —
Black dyes are listed under dyes.
Black haw, root bark, bls.....lb. .30 - .32
Tree bark bls.....lb. .15 - .16
Black Indian hemp root, bls...lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l..ton. 55.00 - —
l.c.l. .....ton. 60.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton. 70.00 - —
l.c.l., same basis....ton. 75.00 - —
pulp, 66⅔%, bulk, c.l., works, ton. 40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 2.75 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 2.75 - —
import, bgs., c.i.f. ports, Apr. shipt., unit-ton. 3.00 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .14 - .15
Blue, alkali, toner, bbls., divd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher divd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas Ft. Worth, 1¼c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher divd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order .....lb. .37 - —

Ammoniac—Brown

Blue, Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. 46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. 37 -
Soluble, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. 37 - —
Tungstated, peacock, kegs....lb. 4.00 - —
Victoria, kgs.....lb. 3.85 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .11 - —
regular 1, bbls., works, frt. equaled..lb. .16 - —
2, bbls., same basis....lb. .18 - —
3, bbls., same basis....lb. .19 - —
4, bbls., same basis....lb. .20 - —
5, bbls., same basis....lb. .23 - —
6, cobalt, A, same basis.lb. .27 - —
B, bbls., same basis.lb. .24 - —
C, bbls., same basis.lb. .23 - —
D, bbls., same basis.lb. .22 - —
7, A, bbls., same basis..lb. .23 - —
B, bbls., same basis..lb. .22 - —
special, 1, bbls., same basis, lb. .19 - —
2, bbls., same basis....lb. .20 - —
3, bbls., same basis....lb. .22 - —
4, bbls., same basis....lb. .23 - —
5, bbls., same basis....lb. .25 - —
6, bbls., same basis....lb. .27 - —
pulp, 1, bbls., same basis..lb. .27 - —
2, bbls., same basis.....lb. .25 - —
3, bbls., same basis.....lb. .23 - —
4, bbls., same basis.....lb. .20 - —
Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs....lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 4.25 - —
16-50 bbls., same basis, 100 lbs. 4.40 - —
6-15 bbls., same basis, 100 lbs. 4.50 - —
1-5 bbls., same basis, 100 lbs. 4.75 - —
monohydrated, dms., c.l. dealer, f.o.b. works..100 lbs. 8.65 - 8.90
l.c.l., dealers...100 lbs. 9.65 - 9.90
Bluestone (see Blue vitriol).
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton. 26.00 -28.00
c.i.f. Atlantic ports...ton. 29.50 - —
import, bgs., c.i.f., ports..ton. 28.00 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton. 18.00 -19.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton. 22.00 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.).
steamed, dom., 1¼% ammon. 60% phos., bgs., f.o.b. Chicago..ton. 17.00 -18.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton. 20.00 - —
Borage flowers, bls.....lb. .20 - .21
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton. 58.00 - —
l.c.l., ex whse.....ton. 67.00 -72.00
sks., contracts, 80 tons min., dlvd..ton. 48.00 - —
l.c.l., ex whse.....ton. 57.00 -62.00
gran., bbls., contracts, 80 tons min., dlvd..ton. 52.00 - —
l.c.l., ex whse.....ton. 61.00 -66.00
sks., contracts, 80 tons min,, dlvd..ton. 42.00 - —
l.c.l., ex whse.....ton. 51.00 -56.00
powd., bbls., contracts, 80 tons min., dlvd..ton. 57.00 - —
l.c.l., ex whse.....ton. 66.00 -71.00
sks., contracts, 80 tons min., dlvd..ton. 47.00 - —
l.c.l., ex whse.....ton. 56.00 -61.00
USP., $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots. .....lb. 1.75 - 2.00
cns. .....lb. 1.50 - —
Brazilwood extract (see Hypernic),
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots.....lb. 3.25 - 4.50
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .11 - .13
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, bbls., works.....lb. .02¼- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, 1, bbls., f.o.b. N. Y. or Pa. points..lb. .12¼- —
2, bbls., same basis....lb. .11¼- —
3, bbls., same basis....lb. .10¼- —
4, bbls., same basis....lb. .08¾- —
5, bbls., same basis....lb. .08¾- —
6, bbls., same basis....lb. .08¼- —
7, bbls., same basis....lb. .08 - —
8, bbls., same basis....lb. .07¾- —
9, bbls., same basis....lb. .07¼- —
10, bbls., same basis....lb. .06¾- —
11, bbls., same basis....lb. .06¾- —
12, bbls., same basis....lb. .06¼- —
13, bbls., same basis....lb. .06 - —
14, bbls., same basis....lb. .05½- —
raw, American, bbls., works, lb. .02¾- —
Italian, 1, bbls., f.o.b, N. Y. or works .....lb. .12½- —
2, bbls., same basis....lb. .10¾- —
3, bbls., same basis....lb. .11 - —
4, bbls., same basis....lb. .09½- —
5, bbls., same basis....lb. .09 - —
6, bbls., same basis....lb. .08½- —
7, bbls., same basis....lb. .07¾- —
8, bbls., same basis....lb. .07¼- —

Brown—Dillseed

Brown, sienna, raw, Ital., 9, bbls., same basis..lb. .06¾- —
10, bbls., same basis....lb. .06 - —
11, bbls., same basis....lb. .05 - —
umber, American, bbls., works, lb. .02½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N.Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles....lb. .04½- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
ex whse, Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04¼- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .43 - .44
Buckthorn bark, true, bls.....lb. .05 - .05½
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .10 - .10½
Burgundy pitch, dom., bbls., c.l., works..lb. .05¼- —
l.c.l., divd. E.....lb. .06¼- —
import, stands.....lb. .15 - .16
Butanes, coml., 16-34°, tanks, group 3..gal. .03¾- —
Butternut bark, bls.....lb. .08 - .09
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .10 - —
l.c.l., contract, frt. alld..lb. .10½- —
tanks, contract, frt. alld..lb. .09 - —
Secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .08 - —
l.c.l., same terms.....lb. .08½- —
tanks, same terms.....lb. .07 - —
Alcohol (see Alcohol):—
Aldehyde, dms., l.c.l.....lb. .16½- .17½
Carbinol (see Carbinol).
Crotonate, normal, 55 & 110 gal. dms., divd..lb. .33 - —
5 & 10 gal. dms., divd....lb. .36 - —
Lactate, dms.....lb. .22½- —
Propionate, dms., divd.....lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms.....lb. .26 - —
Butyric ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium bromide, jars, 100 lbs., works, frt. equal'd..lb. 1.66 - —
50 lbs., works.....lb. 1.66 - —
25 lbs., works.....lb. 1.71 - —
bots., 5 lbs., works.....lb. 1.85 - —
Iodide, 5-lb. bots.....lb. 3.96 - —
25-lb. cns.....lb. 3.82 - —
Lithopone (see Yellow)
Metal, cs.....lb. 1.20 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs. or more..lb. 2.20 - —
2,000 lbs., or more.....lb. 2.25 - —
1,000 lbs., or more.....lb. 2.30 - —
100 lbs.....lb. 2.35 - —
25-lb. dms., 10,000 lbs., or more..lb. 2.23 - —
2,000 lbs., or more.....lb. 2.28 - —
1,000 lbs., or more.....lb. 2.33 - —
100 lbs.....lb. 2.43 - —
25 lbs.....lb. 2.55 - —
10-lb. cns., 10,000 lbs., or more..lb. 2.25 - —
2,000 lbs., or more.....lb. 2.30 - —
1,000 lbs., or more.....lb. 2.35 - —
100 lbs.....lb. 2.45 - —
less than 100 lbs.....lb. 2.75 - —
5-lb. cns., 25 lbs., or more. lb. 2.70 - —
less than 25 lbs.....lb. 2.85 - —
Citrated, cns.....lb. 1.80 - 2.10
Hydrobromine, bots.....lb. 4.91 - 4.99
Calabar beans, bgs.....lb. .25 - .26
Calamus root, bleached, cs.....lb. .45 - .50
peeled, bls.....lb. .10 - .12
Calcium acetate, bgs., divd. 100 lbs. 1.85 - —
Arsenate, bgs., c.l., dealers, E. of Rockies..lb. .06¾- .07¼
W. of Rockies, bgs., dms., lb. .06¾- .07

Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.

Bromide, 100 lbs., works, frt. equaled..lb. .70 - —
50 lbs., works.....lb. .72 - —
25 lbs., works.....lb. .75 - —
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd..ton.22.00 -35.00
l.c.l., 1 ton or over, divd. 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works, ton. 7.50 - —
solid, dom., 73-75%, bgs, dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, divd. 100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .67
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.70 - 3.85
Lactate, USP., bbls., 200 lbs.lb. .25 - —
Levulinate, bots., less than 25 lbs., works, divd..lb. 3.00 - —
Nitrate, bgs., to fert. mfrs., ex vessels, Camden, N. J., or f.o.b. cars, So. Atlantic ports. ton.28.00 - —
Palmitate, bbls.....lb. .22 - .23
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.i.f. Atlantic ports, shipt., unit-ton. .73 - —
tribasic, c.l., bbls., works..lb. .06½- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton..lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l...lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
Sulphate (see Gypsum).
Sulphide, 65-70%, CaS, wks., c.l...ton.64.00 - —
l.c.l. .....ton.68.00 - —
75% CaS (minus 100 mesh), c.l., works..ton.52.00 - —
l.c.l., works.....ton.56.00 - —
83-85 CaS, c.l., works...ton.58.00 - —
l.c.l., works.....ton.64.00 - —
luminous, dom., tins, works, 100 lbs. .75 - —
Sulphocarbolate, bbls., 200 lbs.lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .36 - .37
Calomel, bbls., fib., dms., kgs., 50 lbs., or more..lb. 1.13 - —
Camphor, natural, powd., cs...lb. .54 - .55
slabs, cs.....lb. .54 - .55
tablets, tins.....lb. .59 - .60
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs.lb. .50 - —
500 lbs.....lb. .51 - —
100 lbs.....lb. .52 - —
Monobromate, bxs., kgs.....lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentine, bgs..lb. .0470- .0500
Morocco, bgs.....lb. .0470- .0500
Turkish, bgs.....lb. .0470- .0500
Canella alba bark, bls.....lb. .30 - .31
Cantharides, Chinese, cs.....lb. .60 - .70
powd., bxs.....lb. .70 - .80
Russian, cs.....lb. 1.05 - 1.10
powd., bxs.....lb. 1.20 - 1.25
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .07⅜- .07⅞
Carbazole, 70-80%, dms., works.lb. .60 - —
90%, dms., works.....lb. .80 - —
95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works.lb. .85 - —
98.5-99%, dms., ton lots, works. lb. .75 - —
smaller quantities, works.lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07⅛
l.c.l., same basis.....lb. .08 - .08⅛
tanks, same basis.....lb. .04½- —
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal. dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
10-gal. dms., c.l. (20 tons), same basis..lb. .07 - .07⅛
l.c.l., same basis.....lb. .08 - .08⅛
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - .07⅛
l.c.l., same basis.....lb. .08 - .08⅛
tank s, same basis.....lb. .05 - —
Fire extinguisher liquid 1½c. lb. higher.
Cardamom, bleached, cs.....lb. 1.65 - 1.90
decorticated, cs. .....lb. .97 - 1.00
green, bgs.....lb. .68 - .72
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk....lb. .09¾- .10
Case-hardening mixture, 30%, lump, dms., l.c.l..lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., divd..lb. .07 - —
5 tons, works.....lb. .08¾- —
smaller lots, works.....lb. .09½- —
80-100 mesh, bgs., c.l., divd., lb. .07½- —
5 tons, works.....lb. .09 - —
smaller lots, works.....lb. .09¾- —
import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .12½ Nom.
80-100 mesh bgs., c.l., duty paid..lb. .13 Nom.
French, 30 mesh, bgs., c.l., duty pd..lb. .17 Nom.
Cassia, Batavia, 1, bgs.....lb. .16¼- .16½
3, bls.....lb. .09¾- .10¼
shortstick, bls.....lb. .12¾- .13
China, rolls, select, cs.....lb. .07¼- .07½
broken, extra, bls.....lb. .04¾- .05
Saigon, bls.....lb. .15¾- .16
Cassia buds, cs.....lb. .18¼- .18½
Cassia fistula, bskts.....lb. .07 - .09
Castile soap, white, bars, cs., 40 lbs.11.75 -12.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5% ammen., bgs., c.l., works..ton.21.00 - —
import, bgs., c.l.f., ports, shipment..ton.21.00 - —
Catnep leaves, bls.....lb. .17 - .18
Celery seed, French, bgs.....lb. .14¾- .15¼
Indian, bgs.....lb. .13¾- .14¼
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, gran., cs., frt. alld..lb. .40 - —
Cellulose, acetobutyrate, 501 lbs. and over, works..lb. .52 - —
101 lbs., works.....lb. .58 - —
smaller lots, works.....lb. .55 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .35 - —
kgs., works.....lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works..lb. .02¾- —
cks., 220 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .20 - .21
Roman, bls.....lb. .27 - .28
Charcoal, softwood, powd., bgs., c.l., divd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N.H., R. I., Vt.....ton.30.80 - —
Ill. (except river point), Minn., Neb., Wis., ton.25.00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex. ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn.....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works.lb. .02125- —
l.c.l., bbls., works.....lb. .0225- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 200 mesh, bgs., c.l., works..ton. 9.50 - —
l.c.l., works.....ton.10.00 -16.00
bulk, c.l., works....ton. 7.00 - —
200 mesh, bgs., c.l., works...ton. 8.50 - —
l.c.l., works.....ton. 9.50 -15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works. ton. 9.50 - —
paper bgs., c.l., works. ton.12.50- —
Import, white, lump, bulk, c.l., ex dock Balto, Boston, Norfolk, Phila..ton.22.00 -25.00
powd., cnks., l.c.l., ex dock. ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorine, liq., cyls., c.l., divd., N. Y..lb. .05½- —
contracts, divd., N.Y....lb. .05½- —
l.c.l., divd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 3 or over, wks., frt. equald..100 lbs. 2.30 - —
tanks, multiple unit, 2, works, frt. equald..100 lbs. 2.55 - —
1, works, frt. equald. 100 lbs. 3.00 - —
Chloroacetophenone, tins, works.lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms..lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. dms.....lb. .25 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, comi, 100 lb. cyls., wks..lb. .85 - —
5-lb. cyls., same basis....lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8% cs., bbls.....lb. .05 - .08
Cake, bulk, c.l., works.....ton.15.00 -16.00
Green (see Green, chrome).
Oxide (see Green, chrome oxide).
Sulphate, pearls, dms., 100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns.....lb. 3.25 - 3.50
Cinchona bark, chips, bgs.....lb. .18 - .19
high test, bgs.....lb. .37 - .38
quills, broken, bgs.....lb. .18 - .19
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns..100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns..100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms , 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.f.c. cbys.....lb. 1.35 - 1.40
Cinnamon, Ceylon, 2, bls.....lb. .16¾- .17
3, bls.....lb. .16¼- .16½
Citral, bots., cns.....lb. 1.40 - 3.10
Citrine, ointment, jars, tubes..lb. .75 - —
Citronellal, bots., dms.....lb. .75 - .80
Citronellol, bots., dms.....lb. 1.75 - 1.80
Clove, Madagascar, bls.....lb. .14¼- .14½
Zanzibar, bls.....lb. .16 - .16½
Clover tops, bgs.....lb. .13 - .14
Coaltar, coal-gas., crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works....bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.00 - —
refd., dms., c.l., works....dm. 8.25 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd. lb. .65 - .67
Carbonate, tech., bbls., dlvd..lb. 1.63 - —
Chloride, dms., works.....lb. 1.03 - 1.18
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 6%, dms....lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .25 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused, A, bbls.....lb. .13¼- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½, bbls.....lb. .17¼- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs.....lb. .16 - .17
Cocoa butter, lump, bgs., c.l..lb. .1360- —
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .08 - .09
Blue, root, bls.....lb. .07 - .07½
Colchicine, bots., 4 ozs.....oz.25.00 - —
single ozs.....oz.26.00 - —
Colchicum seed, bgs.....lb. .25 - .27
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .28 - .32
Colombo root, bls.....lb. .11 - .12
Coltsfoot leaves, bgs.....lb. .07 - .08
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .17 - .18
Copaiba balsam, Para, cns....lb. .24 - .25
S.A., USP, cns.....lb. .26 - .27
Copper acetate, normal, bbls., dlvd..lb. .23 - —
smaller containers, dlvd.lb. .25 - —
Carbonate, 52-54%, bbls.....lb. .14½- .15¼
20%, bbls.....lb. .10½- .11¼
Chloride, cryst., bbls.....lb. .13 - .14
Cyanide, tech., bbls.....lb. .37 - —
Iodide, bots.....lb. 4.97 - 5.03
Metal, electrolytic.....lb. .10 - —
Nitrate, cryst., bbls.....lb. .15 - .17
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .14½- .15
smaller lots, works....lb. .15½- —
red, com'l, 50-75%, kgs, f.o.b. N.Y..lb. .16 - —
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.16.00 - —
bbls., c.l., works.....ton.18.00 - —
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.13.00 - —
Copra, bgs., Pacific Coast.....lb. .0185 Nom.
Coriander seed, Morocco, bgs..lb. .0565- .0585
bleached, bgs.....lb. .08 - .08½
Corn sugar, tanners, bbls., c.l., divd..100 lbs. 3.15 - —
ex whse.....100 lbs. 3.25 - —
Syrup, 42°, bbls., c.l.....100 lbs. 3.09 - —
43°, bbls., c.l.....100 lbs. 3.14 - —
Cornsilk, bls.....lb. .06 - .07
Corrosive sublimate, cryst., dms., 50 lbs. or more..lb. 1.05 - —
gran., powd., dms., 50 lbs. or more..lb. .91 - —
Cottonroot bark, bls.....lb. .13 - .14
Cottonseed hull ash, 30-32% pot-ash, bgs., divd..unit-ton. 1.10 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 3.00 - —
5-lb. cns.....lb. 3.10 - —
1-lb. cns.....lb. 3.25 - —
1-oz. cns.....lb. 3.60 - —
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .23 - .24
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .18 - .20
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .20¾- —
smaller lots, bbls.....lb. .21¼- —
kgs. .....lb. .21¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Creosote oil, crude, tanks, works, gal. .13½- .14¼
Coaltar solution, tanks, works, gal. .122 - .123
refd., bbls., c.l., works...gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .18 - .18¼
Cresol, USP, dms., c.l., works.lb. .12 - —
l.c.l., same basis.....lb. .12½- —
Crotonaldehyde, 97%, 55 and 110 gal. dms., divd..lb. .22 - —
5 and 10 gal. dms., divd..lb. .25 - —
works..lb. .26 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .28 - —
2,000 lbs. to 10,000 lbs..lb. .29 - —
1,000 lbs. to 2,000 lbs..lb. .31 - —
200 lbs. to 1,000 lbs.....lb. .33 - —
4% rotenone prices are 4½c. per lb. less.

Cube root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.

Cubeb berries, XX, bgs.....lb. .32 - .33
powd., cs. .....lb. .34 - .35
Culver's root, bls.....lb. .17 - .18
Cumin seed, Algerian, bgs.....lb. .08¾- .09¼
Indian, bgs.....lb. .10 Nom.
Morocco, bgs.....lb. .10 Nom.
Cutch, Philippine, bls., c.l.....lb. .05¼- .06
Extract, solid, bgs.....lb. .06½- .06¾
Cyanamide, 21-22% N., powd., bgs., divd., contrs., NH_3 unit.. 1.15 - —
Cyanide-chloride, mixture, 45%, gran., dms..lb. .11¾- —
lump, dms.....lb. .10¾- —
75%, gran., dms.....lb. .17 - —
lump, dms..lb. .15 - —

D

Damiana leaves, bls.....lb. .16 - .17
Dandelion root, German, bls..lb. .15 - .16
Deertongue leaves, bls.....lb. .10 - .11
Degras, common, dom., bbls...lb. .07¾- .08¼
English, bbls.....lb. .07¾- .08¾
neutral, dom., bbls.....lb. .11 - .15
English, bbls.....lb. .11 - .15
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .39 - —
2,000 lbs., to 10,000 lbs..lb. .40 - —
1,000 lbs., to 2,000 lbs..lb. .41½- —
200 lbs., to 1,000 lbs..lb. .43 - —

4% rotenone prices are 6c. per lb. less

Derris root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.

Dextrin, British gum, c.l. f.o.b. Chicago..100 lbs. 3.75 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.95 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.50 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.70 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.45 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.65 - —
Potato, import, bgs.....lb. .07¼- .08¾
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., divd..lb. .20½- —
l.c.l., divd.....lb. .21 - —
tanks, divd.....lb. .19½- —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works., lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works.lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works. ton.22.00 -35.00
l.c.l., ex whse.....ton.45.00 -150.00
import, bgs., c.l., c.i.f.....ton.30.00 - —
Dibutylamine, dms., l.c.l., works. lb. .55 - —
Dibutyl phthalate, dms., l.c.l..lb. .21 - —
Tartrate, dom., dms.....lb. .45 - .54
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l. works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Diethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., works.....lb. .26 - —
tanks, works.....lb. .23 - —
Diethyl carbonate, coml., dms.lb. .31¾- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l.....lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylantiin, dms.....lb. .40 - .50
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works.....lb. .17 - —
Monobutylether, dms., works.lb. .28 - .34
Diethylene glycol monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Diethylene oxide, dms., c.l., frt. alld..lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, works.....lb. .19 - —
Digitalis, leaves, dms.....lb. .42 - .45
Diglycol oleate, light, bbls....lb. .21 - .24
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, recleaned, bgs.....lb. .07¼- .07½

Dimethyl phthalate, dms., l.c.l. lb. .19 - —
Dimethylanilin, dms. lb. .26 - .27
Dimethylethyl carbinol (see Carbinol).
Dinitrobenzene, bbls. lb. .16 - .18
Dinitrochlorobenzene, bbls. lb. .14 - —
Dinitrononaphthalene, kgs. lb. .35 - .38
Dinitrophenol, bbls. lb. .23 - .24
Dinitrotoluene, dms. lb. .15½- —
oily, dms. lb. .09 - —
Diorthotoluolguanidin, dms, 2,000 lbs. or over, divd. lb. .44 - —
600-1,950 lbs., divd. lb. .46 - —
150-450 lbs., divd. lb. .47 - —
Dip oil (see Tar acid oil).
Dipentene, dms. gal. .47 - .50
tanks gal. .41 - —
Diphenyl, bbls., c.l., works. lb. .15 - —
l.c.l., works. lb. .20 - .25
Oxide, perfume grade, cns. lb. .50 - .55
Diphenylamine, bbls. lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, divd. lb. .35 - —
600-1,950 lbs., divd. lb. .36 - —
150-450 lbs., divd. lb. .37 - —
Diphenylmethane, bots. lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi extract, bbls. lb. .05¾- .06¾
Doggrass root, cut, bls. lb. .12 - .13
Dogwood bark, dom., bls. lb. .07 - .08
Jamaica, bls. lb. .07 - .09
Dover's powder, USP, cns. lb. 2.75 - 2.80
Dragon's blood, mass, cs. lb. .65 - .85
reeds, thin, cs. lb. .80 - .85
Duboisine sulphate, vls. oz. 34.50 -35.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G. lb. .65 - .70
40 Chrome yellow R. lb. .50 - 1.00
53 Victoria violet. lb. .80 - 1.00
165 Lake red C. lb. 1.00 - —
176 Fast red A. lb. .60 - .75
180 Fast red VR. lb. 1.50 - 1.65
189 Lake red R, paste. lb. .85 - .90
189 Lake red R, powdered. lb. 8.00 - 8.10
202 Chrome blue black U. lb. .32 - .40
204 Chrome black A. lb. 1.75 - 2.00
208 Fast red blue R. lb. .75 - 2.00
216 Chrome red B. lb. 1.75 - 2.00
262 Cloth red 2B. lb. .60 - .80
289 Fast cyanin 8R. lb. .90 - 1.00
299 Chrome black F. lb. .60 - .65
307 Fast cyanin black B. lb. .80 - .85
326 Direct cast scarlet. lb. 2.00 - 2.25
304 Paper yellow. lb. .83 - .90
365 Chrysophenin G. lb. .58 - .70
394 Direct violet N. lb. 1.25 - 1.30
882 Direct scarlet B. lb. 1.50 - 1.75
387 Direct violet B. lb. 1.00 - 1.30
401 Developed black BHN. lb. .50 - .75
406 Direct blue 2B. lb. .25 - .30
415 Direct orange R. lb. .60 - .70
419 Direct fast red F. lb. .75 - .85
420 Direct brown M. lb. 1.00 - 1.10
448 Benzo purpurin 4B. lb. .40 - .42½
495 Benzo purpurin 10B. lb. .40 - .50
502 Direct azurin G. lb. .75 - .80
512 Direct blue RD. lb. .80 - 1.00
518 Direct pure blue 6B. lb. 1.10 - 1.25
520 Direct pure blue. lb. .50 - 1.00
529 Direct fast black FF. lb. .55 - 1.00
581 Direct black EW. lb. .25 - .50
582 Direct black RX. lb. .35 - .45
593 Direct green B. lb. .75 - .80
594 Direct green G. lb. 1.00 - 1.05
596 Direct brown 3GO. lb. .35 - 1.00
620 Direct yellow R. lb. 1.25 - 1.50
698 Acid violet. lb. 1.00 - 3.00
812 Primulin lb. .50 - .52
814 Direct fast yellow. lb. 2.00 - 2.25
845 Nigrosin(water soluble). lb. .35 - .50
1177 Indigo, 20 p. c., paste. lb. .15 - .18
Benzo fast black L. lb. .90 - 1.00
Sulphur black. lb. .20 - .25
Sulphur blue. lb. .40 - 1.00
Sulphur brown. lb. .25 - .50
Sulphur maroon. lb. .40 - —
Sulphur olive. lb. .25 - .54
Sulphur tan. lb. .30 - .50
Sulphur yellow. lb. .30 - .50
Zambesi black. lb. .75 - .86

Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives. lb. .42 - —
Blue:—
1075 Alizarin astrol base. lb. 15.00 - —
1078 Alizarin cyanin green base. lb. 6.00 - —
729 Victoria blue. lb. .75 - —
Browns:—
Brown lb. 1.15 - —
Green:—
1078 Alizarin cyanin green. lb. 5.00 - —
Green lb. .75 - —
Orange:—
24 Sudan I. lb. .70 - —
Orange, red shade. lb. .75 - —
Red:—
73 Sudan II. lb. 1.05 - —
258 Sudan IV. lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthrequinone violet base. lb. 6.00 - —
680 Oil violet. lb. .50 - —
Yellow:—
15 Amidoazobenezene yellow. lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB. lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or ware house).
Black:—
864 Nigrosin lb. .40 - —
Blue:—
729 Victoria blue. lb. 2.55 - —
860 Indulin lb. .70 - —
Brown:—
331 Bismarck brown. lb. 1.50 - —
Green:—
637 Malachite green base. lb. 2.00 - —
Orange:—
20 Chrysoidin G. lb. .95 - —
21 Chrysoidin R. lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B. lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow. lb. .75 - —
655 Auramine lb. 2.00 - —
800 Chinolin yellow SS. lb. 2.00 - —
Violet:—
680 Methyl violet. lb. .70 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
246 Naphthol blue black S, lb. .50 - —
865 Nigrosin lb. .36 - —
873 Methylene gray lb. 1.50 - —
Blue:—
714 Patent blue A. lb. 1.45 - —
729 Victoria blue B. lb. 2.00 - —
861 Indulin lb. .87 - —
909 New blue R. lb. 1.30 - —
922 Methylene blue. lb. 1.00 - —
1054 Alizarin saphirol B. lb. 1.90 - —
1180 Indigotin IA. lb. .35 - —

Dyes, coaltar, for stains (numbers are those of Colour Index)—
Brown:—
234 Resorcin brown Y. lb. .65 - —
235 Resorcin dark brown R lb. .66 - —
231 Bismarck brown G. lb. .52 - —
832 Bismarck brown R. lb. .37 - —
793 Phosphin lb. 4.65 - —
Green:—
5 Naphthol green B. lb. 1.00 - —
657 Malachite green. lb. 1.35 - —
662 Brilliant green. lb. 2.00 - —
666 Guinea green B. lb. 1.15 - —
737 Wool green S. lb. .58 - —
924 Methylene green B. lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G. lb. .40 - —
21 Chrysoidin R. lb. .37 - —
27 Orange G. lb. .50 - —
151 Orange Y. lb. .30 - —
161 Orange R. lb. .34 - —
Red:—
31 Amidonaphthol red G. lb. .42 - —
37 Amidonaphthol red 6B. lb. .68 - —
79 Ponceau R. lb. .48 - —
88 Fast red B. lb. 1.05 - —
176 Fast red A. lb. .54 - —
179 Azorubin lb. .52 - —
183 Crocein scarlet 3BX. lb. .60 - —
185 Cochineal red A. lb. .60 - —
252 Brilliant crocein M. lb. .68 - —
677 Fuchain lb. 2.10 - —
749 Rhodamine B. lb. 3.50 - —
752 Rhodamine 6G. lb. 4.50 - —
768 Eosin G. lb. 1.50 - —
841 Safranin lb. 1.45 - —
Water-soluble:—
Violet:—
680 Methyl violet B. lb. .75 - —
681 Crystal violet C. lb. 1.75 - —
695 Acid violet 4BN. lb. .88 - —
Yellow:—
10 Naphthol yellow S. lb. .88 - —
138 Metanil yellow. lb. .53 - —
636 Fast light yellow. lb. 1.25 - —
639 Xylene light yellow. lb. 1.15 - —
640 Tartrazin lb. .80 - —
655 Auramine lb. 1.27 - —

Dyes, natural (see name of article).

E

Echinacea root, bls. lb. .22 - .23
Egg albumen (see Albumen).
yolk, bbls. lb. .62 - .64
Elder flowers, bright, bls. lb. .20 - .22
Elecampane root, bls. lb. .10 - .11
Elm bark, grinding, bls. lb. .11 - .12
powd., bbls., bxs. lb. .20 - .21
select, bndls. lb. .50 - .55
Emetine hydrochloride, nots. oz. 17.00 -18.00
Ephedra, bls. lb. .13 - .15
Ephedrine, tins, 100 oz. oz. 4.25 - —
Hydrochloride, tins, 100 ozs. oz. 3.25 - —
Sulphate, cryst., tins, 100 ozs. oz. 3.25 - —
Epsom salt, tech., bgs. 100 lbs. 1.80 - —
bbls. 100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal. lb. 2.25 - —
smaller lots. lb. 2.50 - —
bbls., c.l. lb. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal. lb. 2.35 - —
smaller lots. lb. 2.60 - —
kgs., c.l. lb. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal. lb. 2.60 - —
smaller lots. lb. 2.85 - —
dried, dom., bgs., l.c.l. lb. .08 - .10
Ergot, USP, cs., dms. lb. 1.25 - 1.30
Eserine, bots. oz. 42.00 - —
Salicylate, bots. oz. 33.00 -34.00
Sulphate, bots. oz. 30.00 - —
Ether, acetic (see Ethyl acetate)
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs. lb. .14 - —
synth., dms., c.l., works. lb. .08 - —
l.c.l. w.orks lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms. lb. .39 - .40
washed, dms. lb. .37 - .38
Ethyl acetate, 85 p.c., dms., c.l., frt. alld. lb. .06½- —
l.c.l., frt. alld. lb. .07 - —
tanks, frt. alld. lb. .05½- —
99 p.c., dms., c.l., frt. alld., lb. .07¼- —
l.c.l., frt. alld. lb. .07¾- —
tanks, frt. alld. lb. .06¼- —
N. F., VI, 99%, dms., 400 lbs. lb. .08½- —
cns., 35 lbs. lb. .13½- —
USP, VIII, 90%, dms., 400 lbs. lb. .07½- —
cns., 35 lbs. lb. .12½- —
Acetoacetate, dms., c.l., works, lb. .27½- —
l.c.l., dms., works. lb. .28 - —
Bromide, tech., dms. lb. .50 - .55
Caproate, cns. lb. 1.00 - —
Chloride, dms. lb. .22 - .24
Cinnamate, cns. lb. 3.20 - 4.00
Crotonate, dms., works. lb. 1.00 - 1.25
Formate, cns., dms. lb. .27 - .29
Iodide, bots. lb. 4.85 - 4.90
Lactate, 55-gal dms., works. lb. .33 - —
5-gal. dms., works. lb. .36 - —
Oxalate, dms. lb. .50 - .54
Silicate, l.c.l., dms., works. lb. .77 - —
Ethylcellulose, bgs., 500 lbs. or more, frt. alld. lb. .65 - —
100 lbs., frt. alld. lb. .70 - —
smaller lots, works. lb. .75 - —
Ethylene bromide, dms. lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld. lb. .0545- .05½
West of Rockies, same basis. lb. .0595- .06
l.c.l., dms., works, E. of Rockies, frt. alld. lb. .0644- .06¼
West of Rockies, same basis. lb. .0694- .07
Ethyleneglycol, dms., c.l. lb. .16 - —
l.c.l. lb. .17 - .20
tanks lb. .15 - —
Monobutylether, dms., c.l., works. lb. .18 - —
l.c.l., works. lb. .19 - .22
tanks, works. lb. .17 - —
Monoethylether, dms., c.l., works. lb. .15 - —
l.c.l., works. lb. .16 - —
tanks, works. lb. .14 - —
Monoethylether, acetate, dms., c.l., works. lb. .13 - —
l.c.l., dms. lb. .14 - —
tanks, works. lb. .12 - —
Monomethylether, dms., c.l., works. lb. .17 - —
l.c.l., works. lb. .18 - —
tanks, works. lb. .16 - —
Ethylidinanilin, dms. lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .06½- —
l.c.l., same terms. lb. .07 - —
tanks, same terms. lb. .05½- —
Ethylorthoparatoluenesulphonamide, bbls. lb. .55 - —
Ethylparatoluenesulphonamide, bbls. lb. .60 - —

Eucalyptol, cns., dms. lb. .58 - .60
Eucalyptus leaves, bls. lb. .08 - .09
Eugenol, bgs., cns. lb. 2.10 - 2.55
Euphorbia, bls. lb. .05 - .06

F

Feldspar, enamel, 100 mesh, bulk, works. ton. 14.00 -15.00
glass, 20 mesh, bulk, works. ton. 11.00 -12.25
pottery, bulk, Me. works. ton. 17.00 -19.00
N.C. works. ton. 17.00 -19.00
Fennel seed, French type, bgs., lb. .07½- .08
Indian, bags. lb. .07½- .07¾
German, large, bgs. lb. .18 - .19
small, bgs. lb. .13 - .14
Fenugreek seed, bgs. lb. .04 - .04½
Ferric sulphate, dms., works. ton. 35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, works. lb. .12½- —
smaller lots, works. lb. .13 - —
light, cs., 1,000 lbs. or over, works. lb. .13½- —
smaller lots, works. lb. .14 - —
water white, cs., 1,000 lbs. or over, works. lb. .15½- —
smaller lots, works. lb. .16 - —
Fir balsam, Canada, cns. gal. 17.00 -18.00
Oregon, bbls. gal. 1.35 - 1.40
Fish berries, bgs. lb. .08 - .09
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures. unit-ton. 3.00 & .10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto. ton. 52.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. cst. factories, contracts. unit-ton. No prices.
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports, Apr. shipt. ton. 45.00 - —
spot or nearby. ton. 45.00 - —
Flake white, bbls., kgs. lb. .09½- —
Fleaseed, French, black, bgs. lb. .08½- .09
Indian, blonde, bgs. lb. .08½- .09
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, ton. 31.50 - —
Washed gravel, 85-5, f.o.b. Ill.-Ky. mines. ton. 20.00 -21.50
No. 2, lump, 85.5, f.o.b. Ky. and Ill. mines. ton. 22.00 - —
imported, 85% not over 5% duty paid. ton. 23.50 -24.50
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l., works. lb. .06¼- —
dms., c.l., works. lb. .05¼- —
l.c.l., works. lb. .05¾- —
tanks, works. lb. .04½- —
Fringetree bark, bls. lb. .13 - .14
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines. ton. 10.00 - —
Import, bgs., c.l., ex dock. ton. 23.00 - —
l.c.l., ex whse. ton. 30.00 - —
Furfural, refd., dms., c.l., works, lb. .15 - —
l.c.l., works. lb. .17½- .25
tech., dms., contracts, 150,000 lbs., works. lb. .10 - —
c.l., works. lb. .12½- —
l.c.l., works. lb. .15 - .20
tanks, works. lb. .09 - —
Fusel oil, refd., dms. incl., divd. lb. .12½- .14
Fustic extract, cryst., bbls. lb. .22 - .26
liquid, bbls. lb. .09½- .13
solid, dms. lb. .17½- .19½

G

G salt, bbls. lb. .45 - .48
Galangal root, bls. lb. .09 - .10
Gall extract, bbls. lb. .19 - .20
Gambier, common, bgs. lb. .06¾- .07¾
plantation, bgs. lb. .08¾- .09¾
Cubes, Singapore, bgs. lb. .10¾- .11
Extract, bbls. lb. .06¼- .09¼
Gasoline at refinery:—
Bayonne, US motor, below 65 octane, tanks. gal. .07 - .07¼
65 octane and above, tanks, gal. .07¼- .07¾
California, 54-58, tanks. gal. .07¼- .08¼
Gulf Coast, U. S. Motor, bulk, gal. .04¾- —
60-62, 390 e.p., bulk, export, gal. .04¾- —
60-62, 400 e.p., bulk, export, gal. .04¾- —
64-66, 375 e.p., bulk, export, gal. .04¾- .04⅞
Louisiana-Arkansas, US motor, 62 octane, tanks. gal. .04½- .04½
63-66 octane, tanks. gal. .04½- .04⅝
67-69 octane, tanks. gal. .04⅞- .05
70-72 octane, tanks. gal. .05½- .05⅝
Oklahoma-Texas, US motor, 62 octane and below, tanks. gal. .04½- .04½
third grade, tanks. gal. .04½- .04¼
63-68 octane, tanks. gal. .04⅜- —
67-69 octane, tanks. gal. .04⅝- —
70-72 octane, tanks. gal. .04⅞- .05⅛
natural, 12-lb. v. p., tanks, gal. .04¼- .04½
14-lb. v.p., tanks. gal. .03⅝- —
18-lb. v.p., tanks. gal. .03 - —
22-lb. v.p., tanks. gal. .02¾- —
26-70 lb., v.p., tanks. gal. .02½- —
Pennsylvania, US motor, below 60 octane, tanks. gal. .04½- .05
60 octane, tanks. gal. .06¼- .06¾
52-54, 450 e.p., naphtha, tanks. gal. .04¾- .05
54-56, 400 e.p., strt., run, tanks. gal. .04¾- .04⅞
Gelatin, silver, cs. lb. .45 - .50
Gelsemium root, bls. lb. .11 - .12
Gentian root, bls. lb. .09¾- .10
grd., bbls., bxs. lb. .12 - .13
powd., bbls., bxs. lb. .14 - .15
Geraniol, cns., dms. lb. .67 - 3.00
Geranyl acetate, bots., dms. lb. 1.20 - 2.50
Ginger root, African, bgs. lb. .08½- .09
Cochin, lemon, bgs. lb. .11¼- .11½
Jamaica, bold, bgs. lb. .16 - .16½
grinding, bright, bgs. lb. .13¾- .14
medium, bold, bgs. lb. .14 - .14½
Japanese, bgs. lb. .09½- .10
Ginseng fibers, cs. lb. 1.75 - 3.00
Root, cultivated, cs. lb. 10.00 -11.00
wild, Southern, cs. lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., bbls., c.l., works. 100 lbs. .95 - 1.15
5 tons or over, works. 100 lbs. 1.05 - 1.25
less than 5 tons, works. 100 lbs. 1.15 - 1.35
import., bgs. 100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., divd. lb. .13 - —
l.c.l., divd. lb. .13½- —
36/58, bgs., c.l., divd. lb. .13½- —
l.c.l., divd lb. .14 - —
58/82, bgs., c.l., divd. lb. .14½- —
l.c.l., divd. lb. .15 - —
82/108, bgs., c.l., divd. lb. .15 - —
l.c.l., divd. lb. .15½- —

Dimethyl—Gum, Copal

Glue, hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., divd., East, Middlewest. lb. .15 - —
l.c.l., same basis. lb. .15½- —
60/164, bgs., c.l., same basis. lb. .16½- —
l.c.l., same basis. lb. .17 - —
67/122, bgs., c.l., same basis. lb. .17½- —
l.c.l., same basis. lb. .18 - —
75/222, bgs., c.l., same basis, lb. .18½- —
l.c.l., same basis. lb. .19½- —
83/251, bgs., c.l., same basis. lb. .19½- —
l.c.l., same basis. lb. .20½- —
92/283, bgs., c.l., same basis. lb. .20½- —
l.c.l., same basis. lb. .21½- —
102/315, bgs., c.l., same basis lb. .21 - —
l.c.l., same basis. lb. .22 - —
113/347, bgs., c.l., same basis lb. .22 - —
l.c.l., same basis. lb. .23 - —
125/379, bgs., c.l., same basis lb. .23 - —
l.c.l., same basis. lb. .24 - —
Glue prices for barrel packing, ½c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., makers, cns., l.c.l. lb. .17½- .18
dms., extra, c.l. lb. .15½- —
l.c.l. lb. .16 - —
dynamite, dms., extra, c.l. lb. .15½- —
l.c.l. lb. .16 - —
saponification, basis 88%, dms., returnable, divd. lb. .10½- .11
soaplye, basis 80%, dms., returnable, divd. lb. .09½- .10
yellow, distilled, dms., extra, c.l. lb. .15¾- —
l.c.l. lb. .15¾- —
Glycol boriborate, dms. lb. .26 - —
Phthalate, dms. lb. .40 - —
Stearate, dms. lb. .27½- —
Gold, U.S. purchase price. oz. 35.00 - —
Chloride, acid brown, bots. oz. 20.75 -21.00
yellow, bots. oz. 18.75 -19.00
Gold-soda chloride, photo., bots., oz. 13.00 - —
U.S.P. IX, bots. oz. 14.50 -14.75
Gold of pleasure seed, bgs. lb. .15½- .16
Golden seal root, bls. lb. 3.60 - 3.65
powd., bxs. lb. 3.75 - 3.80
Grains of paradise, bgs. lb. .26 - .27
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works. lb. .06 - —
bbls., c.l., works. lb. .06¼- —
l.c.l., works lb. .06½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works. lb. .02½- —
bbls., c.l., works. lb. .02¾- —
l.c.l., works lb. .03¼- —
80% graphitic carbon, bgs., c.l., works. lb. .03½- —
bbls., c.l., works. lb. .03¾- —
l.c.l., works lb. .04½- —
Grease, house, trcs. lb. .03¾- .04¼
White, trcs. lb. .05¾ Nom.
Yellow, trcs. lb. .03¾- .04¼
Wool (see Adeps lanae and Degras).
Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .21 - —
6-10%, bbls., same basis. lb. .22 - —
11-15%, bbls., same basis. lb. .23 - —
16-20%, bbls., same basis. lb. .23½- —
21-25%, bbls., same basis. lb. .24 - —
26-30%, bbls., same basis. lb. .24½- —
31-35%, bbls., same basis. lb. .25½- —
36-40%, bbls., same basis. lb. .27 - —
41-45%, bbls., same basis. lb. .28½- —
46-50%, bbls., same basis. lb. .30 - —
over 50%, bbls., same basis lb. .31 - —
Chrome green prices are ½c. higher divd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ¼c. higher divd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, C.P. color content up 5%, bbls., same basis, lb. .06 - —
6-10%, bbls., same basis. lb. .06¾- —
11-13%, bbls., same basis. lb. .07¼- —
14-16%, bbls., same basis. lb. .07½- —
17-19%, bbls., same basis. lb. .07¾- —
20-21%, bbls., same basis. lb. .08 - —
22-23%, bbls., same basis. lb. .08¼- —
24-25%, bbls., same basis. lb. .08½- —
26-27%, bbls., same basis. lb. .08¾- —
28-29%, bbls., same basis. lb. .09¼- —
30-31%, bbls., same basis. lb. .10 - —
32-33%, bbls., same basis. lb. .11¼- —
34-35%, bbls., same basis. lb. .12¼- —
36-40%, bbls., same basis. lb. .14¼- —
41-45%, bbls., same basis. lb. .16¼- —
46-50%, bbls., same basis. lb. .16¾- —
51-55%, bbls., same basis. lb. .17¼- —
56-60%, bbls., same basis. lb. .17¾- —
61-65%, bbls., same basis. lb. .18¼- —
66-70%, bbls., same basis. lb. .19¼- —
71-75%, bbls., same basis. lb. .20¼- —
Chrome, oxide, dom., pure, bbl. ceramic, light shades, bbls., c.l., works. lb. .22 - —
l.c.l., works. lb. .28 - —
standard grade, bbls., works. lb. .30 - —
Tetrahydroxide, bbls. lb. .21 - .22
Paris (see P)
Tungstated, brilliant, kgs. lb. .85 - —
emerald, kgs. lb. 3.75 - —
Verdigris (see V)
Green dyes are listed under Dyes.
Grindelia robusta, bls. lb. 2.60 - —
Guaiac resin, cs. lb. .08 - .09
strained, cs. lb. .27 - .28
Wood, bls. lb. .90 - 1.00
Guaiacol, liq., djns. lb. .04 - .05
Carbonate, fib. dms., 25 lbs. lb. 1.55 - 1.70
Guarana, powd., cs. lb. 2.40 - 2.74
Gum, aloe (see A).
Ammoniac, tears., cs. lb. 1.05 - 1.10
Arabic, amber sorts, cleaned, bgs. lb. .85 - .90
white, sorts, 1, bgs. lb. .10¼- .10⅝
2, bgs. lb. .27 - .28
powd., bbls. lb. .25 - .26
Asafetida (see A). lb. .13½- .14
Asphaltum (see A).
Benzoin, Siam, cs. lb. 1.40 - 1.65
Sumatra, cs. lb. .18 - .20
Camphor (see C).
Chicle, prime, 33% moisture, bgs., ton lots. lb. .45 - .48
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran. lb. .44 - —
Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.

Gum Copal—Lime

Gum, copal, Congo, 2, cloudy, white, bgs., c.l., same basis..lb. .31¾- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .18¼- —
4, pale bold straw, bgs., c.l., same basis..lb. .19¼- —
5, pale straw bold, bgs., c.l., same basis..lb. .15⅝- —
6, pale amber bold, bgs., c.l., same basis..lb. .15⅝- —
7, pale straw bold, bgs., c.l., same basis..lb. .13⅝- —
lots..lb. .42 - —
8, light amber bold, bgs., c.l., same basis..lb. .12⅝- —
9, medium light amber bold, bgs., c.l., same basis..lb. .10¼- —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .10¼- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .08⅝- —
12, selected bold sorts, bgs., c.l., same basis..lb. .07⅝- —
13, dark sorts bold, bgs., c.l., same basis..lb. .06¼- —
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .19¾- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06⅞- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05⅝- —
17, pale fingers, bgs., c.l., same basis..lb. .15⅞- —
18, pale straw nubs, bgs., c.l., same basis..lb. .13⅜- —
19, pale straw nubs, bgs., c.l., same basis..lb. .12¼- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .08¾- —
21, ordinary selected nubs, c.l., same basis..lb. .07⅞- —
22, small mixed nubs, bgs., c.l., same basis..lb. .06⅝- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .07⅝- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .15⅜- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .07 - —
26, pale bold chips, bgs., c.l., same basis..lb. .06¼- —
27, pale small chips, bgs., c.l., same basis..lb. .05⅞- —
28, pale dust, bgs., c.l., same basis..lb. .05 - —
East India, Batu, bold scraped, bgs., c.l., same basis, lb. .05¼- —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis, lb. .03⅝- —
dust, bgs., c.l., same basis..lb. .03⅞- —
nubs and chips, bgs., c.l., same basis..lb. .03⅜- —
black, bold, scraped, bgs., c.l., same basis..lb. .06⅜- —
unscraped, bgs., c.l., same basis..lb. .04¼- —
nubs and chips, bgs., c.l., same basis..lb. .04¼- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .12¼- —
chips, bgs., c.l., same basis..lb. .03⅝- —
dust, bgs., c.l., same basis..lb. .03⅝- —
nubs, bgs., c.l., same basis..lb. .10⅜- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .15¼- —
chips, bgs., c.l., same basis, lb. .04¾- —
dust, bgs., c.l., same basis.lb. .03⅝- —
nubs, bgs., c.l., same basis.lb. .10 - —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .13½- —
Loba A, bskts., c.l., same basis..lb. .12 - —
B, bskts., c.l., same basis.lb. .11⅝- —
C, bskts., c.l., same basis..lb. .10½- —
CNE, bskts., c.l., same basis..lb. .06⅞- —
D, bskts., c.l., same basis, lb. .09⅜- —
DK, bskts., c.l., same basis, lb. .06⅞- —
DU, bskts., c.l., same basis, lb. .08⅜- —
dust, bskts., c.l., same basis, lb. .06⅜- —
Sambas and white split chips, bskts., c.l., same basis..lb. .14⅜- —
Singapore, dust, bskts., c.l., same basis..lb. .06⅝- —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .08¾- —
DBB, bskts., c.l., same basis..lb. .08¾- —
MA, bskts., c.l., same basis, lb. .06⅜- —
MB, bskts., c.l., same basis, lb. .06 - —
WS, bskts., c.l., same basis, lb. .08⅜- —
Philippine Manila, amber sorts, bskts., c.l., same basis, lb. .07¼- —
chips, pale, bskts., c.l., same basis..lb. .08⅞- —
small, bskts., c.l., same basis..lb. .07¼- —
extra pale sorts, bskts., c.l., same basis..lb. .09½- —
nubs, bskts., c.l., same basis..lb. .11⅜- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .06½- —
Pontianak, bold, genuine, bgs., same basis..lb. .16½- —
mixed, bgs., c.l., same basis..lb. .14 - —
chips, bgs., c.l., same basis, lb. .10¼- —
split, bgs., c.l., same basis, lb. .13⅞- —
nubs, bgs., c.l., same basis.lb. .12⅞- —
Dammar, Batavia A, cs., c.l., same basis as copal..lb. .23¼- —
A/D, cs., c.l., same basis.lb. .18½- —
A/E, cs., c.l., same basis.lb. .15⅝- —
B, cs., c.l., same basis...lb. .21¾- —
C, cs., c.l., same basis...lb. .18⅞- —
D, cs., c.l., same basis....lb. .16 - —
dust., cs., c.l., same basis.lb. .06¾- —
E, cs., c.l., same basis....lb. .08¼- —
F, cs., c.l., same basis...lb. .07¼- —
Singapore, 1 cs., c.l., same basis..lb. .19¼- —
2, cs., c.l., same basis....lb. .14¼- —
3, cs., c.l., same basis....lb. .08¾- —
chips, cs., c.l., same basis.lb. .13¼- —
dust., cs., c.l., same basis.lb. .06¾- —
seeds, cs., c.l., same basis.lb. .09½- —
Gum, elemi, cns., c.l., same basis as copal..lb. .09¾- —
Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs., lb. .07½- .07¾
less than 10,000 lbs., same basis..lb. .07½- .08
dlvd., western N. Y. and Pa., Ohio, Mich., Ind., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or straight c.l., lb. .07¾- .08¼
l.c.l., same basis.....lb. .08 - .08½
dlvd., elsewhere, 75,000 lbs., contrs. or straight, c.l. lb. .08 - .08½
l.c.l., same basis.....lb. .08¼- .08¾
Euphorbium, cs.....lb. .17 - .18
Galbanum, cs.....lb. .95 - 1.00
Gamboge pipe, cs.....lb. .70 - .75
powd., bbls.....lb. .75 - .80
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .14½- .28
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis .lb. .38 - —
B1, cs., c.l., same basis .lb. .28 - —
B2, cs., c.l., same basis. lb. .24 - —
B3, cs., c.l., same basis. lb. .18¾- —
80% chips, cs., c.l., same basis lb .12¼- —
pale, XXX, cs., c.l., same basis..lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Kino, tins.....lb. 2.50 - 2.75
Mastic, cs., c.l., same basis as copal..lb. .55 - .56
Myrrh, USP, cs.....lb. .86 - .87
Olibanum, siftings, bls.....lb. .07½- .18
tears, cs.....lb. .13 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal..lb. .25 - .26
Scammony, cs.....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .25 - .27
sorts, bgs.....lb. .10½- .11
Talha, bgs.....lb. .07¼- .08
Thus, bbls.....280 lbs. 13.50 -14.00
Tragacanth, Aleppo 1, cs....lb. 2.75 - 3.00
2, cs.....lb. 2.40 - 2.45
3, cs.....lb. 2.35 - 2.40
4, cs.....lb. 2.30 - 2.35
5, cs.....lb. 2.25 - 2.30
Flake, bgs.....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03¼- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald.ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald, ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
Import, bgs., ex dock....ton.27.50 - —

H

Heliotropin, cryst., cns.....lb. 1.80 - 2.20
Hellebore, white, root, powd., bbls.lb. .12 - .13
Helonias root, bls.....lb. .60 - .65
Hematine crystals, bbls.....lb. .18 - .28
Hemlock extract, 25% tan., bbls.lb. .03 - .04
Hempseed, Manchur., bgs.....lb. .05¾- .06
Henbane leaves, bls.....lb. .15 - .16
Henna leaves, bls.....lb. .07½- .08
powd., bbls., bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08¼- —
normal, 86-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09½- —
Hexalin, dms.....lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs. or more, shipments, same basis, lb. .46 - —
100 to 400 lbs., shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .13 - —
l.c.l., same terms.....lb. .13½- —
tanks, same terms.....lb. .12 - —
Homatropine hydrobromide, bots., 50 ozs..oz.13.00 - —
25 ozs.....oz.13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 3.00 - —
Hops, N. F., bls.....lb. .17 - .27
Horehound, bls.....lb. .12 - .15
Hydrangea root, bls.....lb. .12 - .13
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs...oz.17.25 - —
cns., 16 oz.....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.19.25 - —
cns., 16 oz.....oz.19.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., F.of Miss. R.lb. .19½- .20
W. of Miss. R. .....lb. .21 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.18.00 -19.00
Hyoscyamine, bots.....oz.15.00 - —
Hydrobromide, bots.....oz.15.00 - —
Sulphate, bots.....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .16 - .21
solid, bxs .....lb. .18½- .20½

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indel, CP, bots.....lb. 32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.15 - —
kgs, 150 lbs.....lb. .90 - —
resubl., bots., 5 lbs.....lb. 1.60 - —
jars, 50 lbs.....lb. 1.50 - —
tincture, USP, bbls., 47 gals., gal. 1.55 - —
cbys., 5 gals.....gal. 1.65 - —
mild, bbls., 47 gals.....gal. .80 - —
cbys., 5 gals.....gal .90 - —
Iodoform, dms., 100 lbs.....lb. 3.75 - —
jars, 25 lbs.....lb. 3.85 - —
Ionone, bots.....lb. 1.30 - 4.05
Ipecac root, bgs.....lb. 1.20 - 1.25
powd., bxs.....lb. 1.30 - 1.35
Irish moss, ordinary, bls.....lb. .10 - .11
powd., 80-90 mesh, bbls...lb. .24 - .32
prime, bleached, bls.....lb. .18 - .20
Iron acetate, N. F. IV, cbys., 100 lbs..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd.....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhyd., 390-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equld..lb. .05 - .06
kegs, works, frt. alld. or equld..lb. .07½- .08
liquor, cbys., works, frt. alld. or equld..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs .....lb. .08½- —
USP solut., cbys., works, frt. alld. or equld..lb. .06½- .07
djns .....lb. .07½- —
Citrate, USP VIII, pearls, cns., lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 3.00
syrup, djns.....lb. .37 - .38
bots. .....lb. .52 - —
Nitrate, coml., kgs.....lb. .02⅝- .06
Oxalate, powd., kgs.....lb. .47 - —
cns. .....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns..lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
USP, cryst., bbls., 275 lbs. lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs. .....lb. .44 - —
jars .....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib., dms.....lb. .23½- —
kgs. .....lb. .25½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .50 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .06½- —
l.c.l., same terms.....lb. .07 - —
tanks, same terms.....lb. .05½- —
Isopropyl alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..lb. .07 - —
l.c.l. .....lb. .08 - —
tanks .....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .12 - .13
Jalap root, NF, bls.....lb. .17 - .19
powd., bbls., bxs.....lb. .20 - .21
Juniper berries, bgs.....lb. .04 - .04½

K

Kamala, tins .....lb. .32 - .33
Kava kava root, bls.....lb. .15 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .05¾- —
Gulf ports, p.w., bulk, export, gal. .04½- —
w.w., bulk..gal. .04¾- —
Louisiana-Arkansas, 41-43 w.w., bulk..gal. .04½- .04⅝
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04 - .04⅜
42-44 w.w., tanks.....gal. .04½- .04½
Pennsylvania, 45 w.w., tanks, gal. .05½- .05¼
46 w.w., tanks.....gal. .05½- .05⅝
47 w.w., tanks.....gal. .05⅝- .05½
Kerosene, tankwagon:—
Atlanta .....gal. .14 - —
Boston .....gal. .08½- —
Chicago .....gal. .10 2- —
Cincinnati .....gal. .13 - —
Denver .....gal. .11½- —
Louisville .....gal. .10½- —
Minneapolis .....gal. .10 6- —
New Orleans .....gal. .12 - —
New York .....gal. .08¾- —
San Francisco .....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .07½- .08

L

Lady slipper root, bls.....lb. .55 - .60
Lanolin (see Adeps lanae).
Lard, city tubs.....100 lbs. 8.75 - 9.00
Middlewestern, trcs....100 lbs. 8.90 - 9.00
Neutral, trcs. .....100 lbs. 10.00 -10.25
Western, choice, trcs..100 lbs. 9.00 - 9.10
Compound, trcs. .....100 lbs. 10.25 -10.50
Larkspur seed, bgs.....lb. .30 - .33
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .04½- .05
Lavender flowers, ordinary, bls.lb 35 .40
select, bls.....lb. 50 .55
Lead acetate, white, broken, bbls..lb. .11 - —
cryst., bbls.....lb. .11 - —
gran. bbls.....lb 11¾ -
powd., bbls.....lb. 11¾ -
Arsenate, bgs., dealers E. of Rockies lb 12½- -
W. of Rockies..... lb. 12½ -
l.c.l., bgs., dealers, E. of Rockies..lb. .13 - —
W. of Rockies .....lb. .12¾- —
Lead arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs or over; no frt. or truck allowance for works or whse. pick-ups
Blue, basic sulphate, bbls., c.l., dlvd., E..lb. .05¾- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06 - —
l.c.l., dlvd., E.....lb. .06 - —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06¼- —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib. dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.52 - —
jars .....lb. 2.40 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .18 - —
5 lb. cont., f.o.b. works..lb. .21 - —
Nitrate, bbls.....lb. .10¼- —
Oleate, bbls. .....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0725- —
other points .....lb. .0700- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .07¾- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.lb. .08¼- —
Colo., Mont., N. Mex., Wyo.....lb. .08 - —
other points.....lb. .07½- —
smaller lots, dlvd., Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .08⅜- —
Colo., etc.....lb. .08½- —
other points.....lb. .08 - —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .0750- —
other points....lb. .0725- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08 - —
Ariz., etc.....lb. .08½- —
Colo., etc.....lb. .08¼- —
other points.....lb. .07¾- —
smaller lots dlvd., Ala., etc..lb. .08½- —
Ariz. .....lb. .09 - —
Colo. .....lb. .08¾- —
other points.....lb. .08¼- —
95%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc..lb. .0775- —
other points.....lb. .0750- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¼- —
Ariz., etc.....lb. .08¾- —
Colo., etc.....lb. .08½- —
other points.....lb. .08 - —
smaller lots, dlvd., Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
in oil, 100-lb. kgs.....lb. .11¾- —
Resinate, fused, 16%, bbls...lb. .09½- —
pale, bbls. .....lb. .11½- —
precip., bbls.....lb. .16½- —
Stearate, bbls. .....lb. .22 - .23
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l., f.o.b. works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delvy, dlvd., lb. .11¼- —
smaller lots .....lb. .11½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .06½- —
other points.....lb. .06¼- —
l.c.l., dlvd., Ariz., etc.lb. .06¾- —
other points.....lb. .06½- —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06 - —
other points.....lb. .05¾- —
l.c.l., dlvd., Ariz., etc...lb. .06¼- —
other points.....lb. .06 - —
in oil, 100-lb. kgs., consumers, lb. .11¼- —
dealers .....lb. .09¼- —
painters .....lb. .10¼- —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .24 - .26
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .16 - .17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.50 - —
California, northern..ton. 11.80 - —
southern .....ton. 11.45 - —
Cedar Hollow, Pa...ton. 8.00 - —
Chicago .....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va.ton. 6.25 - —
Easton, La.....ton. 7.00 - —
Farnams, Mass.....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Tenn.....ton. 7.00 - —
Leroy, Minn .....ton. 8.00 - —
Limedale, Ark.....ton. 7.00 - —

Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Longview, Ala.....ton. 6.25 - —
Marble Cliff, Ohio...ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va..ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Potoskey, Mich.....ton. 8.00 - —
Port Island, Mich....ton. 7.50 - —
Ripplemead, Va.....ton. 6.25 - —
Riverton, Va.....ton. 6.25 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —

Lime, hydrated, paper bgs., f.o.b.
Bellefonte, Pa.....ton. 8.50 - —
Berkley, W. Va.....ton. 9.00 - —
Buffalo .....ton.10.00 - —
California, northern.ton.15.30 - —
southern .....ton.13.95 - —
Cedar Hollow, Pa...ton. 8.50 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex.....ton.12.00 - —
Durbin, Ohio.....ton. 8.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Easton, La.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville Tenn.....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Marble Cliff, Ohio....ton. 8.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va.ton. 8.50 - —
Milltown, Ind.....ton.12.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Pelham, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va.....ton. 8.00 - —
Riverton, Va.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis. .....ton. 9.00 - —
Siluria, Ala. .....ton. 9.00 - —
Springfield, Mo. ....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
spray, paper bgs., f.o.b., Bellefonte, Pa.....ton. 9.00 - —
Durbin, Ohio .....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonberg, Ohio.....ton.11.00 - —
Marble Cliff, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Mitchell, Ind. .....ton. 9.00 - —
Scioto, Ohio .....ton. 9.00 - —
Sherwood, Wis. .....ton. 9.00 - —
Woodville, Ohio.....ton.11.00 - —

Lime salts (see Calcium)

Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08¼
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08¼- .09¼
dms., same basis.....lb. .12 - —
solution, zone 1, dms., consumer, gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08¼- —
30-50 dms.....gal. .11 - .15
Zone 3, tanks, dealers, divd., gal. .11¼- —
30-50 dms.....gal. .14 - .18
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., c.l. and l.c.l....gal. .13 - .14
Zone 5, tanks, dealers, divd., gal. .10¼- —
c.l. and l.c.l.....gal. .13 - .14
Zone 6, tanks, dealers....gal. .07¼- —
30-50 dms.....gal. .09 - .13

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penna., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.

Linalool, cns.....lb. 2.10 - 6.30
Linalyl acetate, cns., 25 lbs...lb. 1.70 - 6.30
Linden flowers, with leaves, bls.lb. .19 - .20
without leaves, bls.....lb. .16 - .17
Linseed cake, bgs., export....ton.29.00 - —
Meal, 32%, dom., bgs.....ton.39.00 - —
Litharge, com'l, powd., bbls., 20-tons divd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0625- —
divd., other points...lb. .0600- —
5 tons, divd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.....lb. .06¾- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .07¼- —
Colo., Mont., N. Mex., Wyo..lb. .07 - —
other points.....lb. .06½- —
smaller lots, divd. Ala., etc. lb. .07¼- —
Ariz., etc. .....lb. .07¾- —
Colo., etc. .....lb. .07½- —
other points .....lb. .07 - —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb. bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb jars.....lb. 4.70 - —
Fluoride, bbls. .....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., 20 tons, divd. E or ex whse. Pac Cst.....lb. .05¾- —
smaller lots, same basis.lb. .06½- —
bbls., 20 tons, same basis, lb. .06¼- —
smaller lots, same basis.lb. .06¾- —
ordinary, bgs., 20 tons, same basis..lb. .04¾- —
smaller lots, same basis.lb. .04¾- —
bbls., 20 tons, same basis, lb. .04¾- —
smaller lots, same basis.lb. .04¾- —
Lithopone, titanated, bgs., 20 tons, same basis....lb. .05¾- —
smaller lots, same basis.lb. .06¾- —
bbls., 20 tons, same basis, lb. .06½- —
smaller lots, same basis.lb. .06¾- —
Liverwort leaves, bls.....lb. .18 - .22
Lobelia herb, bls.....lb. .13 - .14
seed, bgs. .....lb. .35 - .36
Logwood extract, cryst., bbls..lb. .18 - .24
liquid, 51°, bbls.....lb. .09½- .11½
solid, bxs. .....lb. .15 - .19
Lovage root, dom., bls.....lb. .55 - .65
import, bls. .....lb. .35 - .37
Lupulin, N.E., tins.....lb. 1.90 - 2.00
Lycopodium, cs.....lb. 1.15 - 1.20

M

Mace, Banda, cs.....lb. .54½- .55
Batavia, cs. .....lb. .47 - .48
Siauw, 1, cs.....lb. .51 - .52
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia arsenate, cyl.....lb. .18 - .20
Calcined, tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila. .....lb. .25 - .30
1-lb. pkgs., same basis.lb. .35 - .40
light, bbls., same basis..lb. .20 - .25
1-lb. tins, same basis..lb. .30 - .35
USP, heavy, bbls., same basis. lb. .25 - .30
1-lb. pkgs., same basis.lb. .35 - .40
special, bbls., same basis, lb. .22 - .27
Standard light, bbls., same basis..lb. .20 - .25
1-lb. tins, same basis..lb. .30 - .35
import, heavy, pharm., bbls., lb. .50 - —
light, extra, bbls.....lb. .36 - .40
standard, bbls.....lb. .30 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l. .....lb. .09½- —
USP, Zone 1, bbls., c.l.....lb. .08¼- —
l.c.l. .....lb. .09 - —
kgs., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —

Magnesia carbonate:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. C.l. shipm'ts, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld., including divd. store-door.

Chloride, flake, dom., bbls., works..ton.39.00 -42.00
Hypophosphite, cns., 100 lbs.lb. 1.45 - —
25 lbs. .....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls .....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.85
Silicate (see Talc).
Silicofluoride, bbls. .....lb. .09½- .10½
Stearate, bbls., ctns., c.l.....lb. .21 - —
c.l..lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs. .....lb. .23 - —
smaller lots .....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
Magnesite, cal., import, bbls.ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b, Chewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 300 lbs..lb. .29 - —
dms., 24 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .34 - —
Malva flowers, black, bls.....lb. .45 - .47
blue, bls. .....lb. .45 - .50
Leaves, bls. .....lb. .11 - .12
Manaca root, bls. .....lb. .20 - .21
Mandrake root, bls.....lb. .20 - .21
Manganese acetate, dms. .....lb. .26½- —
Arsenate, bgs. .....lb. .12 - .12½
Borate, tech., bbls. .....lb. .15 - .16
Carbonate, bbls .....lb. .19 - —
Chloride, bbls. .....lb. .07½- .07¾
Dioxide, Caucasian, 85-90%, bbls., c.l., works..ton.66.50 - —
l.c.l., 5 tons, works..ton.69.50 - —
smaller lots, works..ton.74.50 - —
burlap bgs., c.l., works.ton.64.50 - —
l.c.l., 5 tons, works..ton.67.50 - —
smaller lots, works.ton,72.50 - —
paper bgs., c.l., works.ton.62.50 - —
l.c.l., 5 tons, works.ton.65.50 - —
84-87% bgs., 28-40 tons, wks. ton.57.00 - —
5-15 tons,wks.....ton.60.00 - —
½-4 tons, wks.....ton.65.00 - —
300-600 lbs., wks.....ton.75.00 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots.....lb. 2.61 - —
smaller lots .....lb. 2.71 - —
cns., 25 lbs .....lb. 2.83 - —
solut., djns., 1,000-lb. lots, lb. .61 - —
smaller lots .....lb. .71 - —
cns., 25 lbs .....lb. .81 - —
Hydrate, bbls., divd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.25 - —
jars, 25 lbs .....lb. 5.10 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52%, basis, bbls., c.l., Atl. ports..unit-ton. .45 - .47
Resinate, fused, 3½%, bbls.lb. .08¼- .08½
precip., dms. .....lb. .12 - —
Sulphate, anhyd., bbls., works. lb. .07 - .07½
cryst., 65% $MnSO_4$, bgs., c.l., divd. South..ton.48.75 - —
l.c.l., bgs. .....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03¾- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shpt..ton.25.00 - —
Manna flake, large, cs.....lb. .40 - .41
small, cs. .....lb. .22 - .23
Mannitol, pure, cryst., cs., works. lb. 1.40 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .16½- .17
Tunisan, bls.....lb. .16 - .16½
Matico leaves, bls.....lb. .25 - .28
Menthol, USP, natural, cs....lb. 3.05 - 3.15
synthetic, tech., cs.....lb. 2.25 - —
USP, cs. .....lb. 3.00 - —
liquid, dms., 40 lbs.....lb. 1.60 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots .....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. .77 - —
25 lbs.....lb. .79 - —
50%, pails, 50 lbs.....lb. 1.11 - —
25 lbs.....lb. 1.13 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.81 - —
fib., dms., 100 lbs.....lb. 1.68 - —
jars, 25 lbs.....lb. 1.70 - —
Chloride (see Calomel).
Iodide, red, N. F., bots., 5 lbs., lb. 3.56 - —
cns., 25 lbs.....lb. 3.45 - —
fib., dms., 100 lbs.....lb. 3.45 - —
Mercury, iodide, yellow, bots., 5 lbs..lb. 3.66 - —
cns., 25 lbs.....lb. 3.55 - —
fib., dms., 100 lbs.....lb. 3.55 - —
Nitrate ointment (see Citrine ointment).
Oxide red, N.F. (see Red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl....lb. 1.12 - —
USP, fib dms., 50 lbs. or more..lb. 1.64 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
fib., dms., 25 lbs.....lb. 1.10 - 1.12
Mesityl oxide, cns., works.....lb. .25½- .27½
dms., c.l., works.....lb. .21 - —
l.c.l., works.....lb. .21½- —
tanks, works.....lb. .20 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½ in..pkg. 1.70 - 1.80
Gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
3⅜x3⅜ in. .....pkg.16.15 -17.50
4x4 in. .....pkg.19.50 -20.00
3⅜x5 7/16 in. .....pkg.22.50 -23.00
3⅜x5 7/16 in. .....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroaniiin, *kgs.....lb. .67 Nom.
Metanitroparatoluidin, bbls....lb. 1.45 - —
Metaphenylenediamine, kgs....lb. .80 - —
Metatoluylenedaimine, kgs.....lb. .65 - —
Methanol, denat. grade, dms., c.l., frt. alld., E. of Rockies..gal. .34 - —
tanks, frt. alld., E. of Rockies..gal. .28 - —
Methanol, denat., grade, prices on Pacific Coast are 4c. per gal. higher.
pure, nat'l or synth., dms., c.l.
Zone 1, frt. all..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or divd..gal. .40½- —
2, frt. alld. or divd..gal. .47 - —
3, frt. alld. or divd..gal. .44½- —
4, frt. alld. or divd..gal. .60 - —
tanks, Zone 1, frt. alld.gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —
95%, 2c. less than pure, all zones, frt. alld.
97%, 1c. less than pure, all zones, frt alld.

Methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .08 - —
W. of Miss. R.....lb. .09 - —
l.c.l., dms., divd. E. of Miss. R..lb. .08½- —
W. of Miss. R.....lb. .09½- —
tanks, divd. E. of Miss. R. lb. .07 - —
W. of Miss. R.....lb. .08 - —
tech, dms., c.l., divd. E. of Miss. R..lb. .07½- —
W. of Miss. R.....lb. .08½- —
l.c.l., dms., divd. E. of Miss. R..lb. .08 - —
W. of Miss. R.....lb. .09 - —
tanks, divd. E. of Miss. R. lb. .06½- —
W. of Miss. R.....lb. .07½- —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Methyl acetone, nat., dms., c.l., contracts, Zone 1..gal. .31½- —
2 .....gal. .34½- —
3 .....gal. .35½- —
4 .....gal. .37½- —
tanks, contracts, Zone 1.gal. .26½- —
2 .....gal. .29 - —
3 .....gal. .30 - —
4 .....gal. .30½- —

Methyl acetone, natural, prices are quoted for direct shipment from refinery, f.o.b. shipping point, freight allowed to destination; barrel packing, 2½c. per gal. more in all brackets. The sale zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn, R. I., Tenn., Vt., Va., W. Va., Wis. Ala., Ark., Ga.; Kans., La., Miss., Neb., N. D., S. C., S. D.; Zone 2, Col., Fla., Okla., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal; Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Acetone, synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .42 - —
2, frt. alld. E. of Rockies, gal. .45 - —
3, Pacific Coast.....gal. .46 - —
l.c.l., Zone 1, frt. alld, E. of Rockies..gal. .44½- —
2, frt., alld. E. of Rockies..gal. .51 - —
3, Pacific Coast.....gal. .48½- —
tanks, Zone 1, frt. alld. E. of Rockies.....gal. .36 - —
2, ft. alld. E. of Rockies, gal. .38¼- —
3, Pacific Coast.....gal. .39½- —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast

Alcohol (see Methanol).
Anthranilate, bots. .....lb. 2.10 - 2.30
Benzoate, cns., 25 lbs.....lb. .70 - 1.20
Bromide, cyl.....lb. .60 - .75
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
service men and consumers, cyl..lb. .36 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bots.....lb. 2.45 - 3.75
Formate, dms.....lb. .35 - .36
Iodide, bots.....lb. 3.68 - 3.83
Salicylate, dms.....lb. .40 - .42
cns. .....lb. .42 - .46
Violet toner, bbls.....lb. .38 - —
permanent, bbls. .....lb. .80 - —

Lime—Naphthalene

Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11½- —
l.c.l., same terms.....lb. .12 - —
tanks, same terms.....lb. .10½- —
Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs. .....lb. 2.35 - —
Chloride, dms., f.o.b. works.lb. .18 - .22
Methylheptenone, bots. .....lb. 2.45 - 3.00
Methylheptin carbonate, bots..lb.23.00 -44.00
Methylhexyl ketone, dms., tech,, wks..lb. .60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .76 - —
l.c.l., works.....gal. .80 - —
smaller containers, works.gal. 1.00 - —
tanks, works.....gal. .70 - —
Methylnaphtyl ketone, dom., cryst., bots..lb. 3.25 - 3.30
imp, bots. .....lb. 3.10 - —
Methylpropyl carbinol (see Carbinol).
Ketone, dms., c.l.....lb. .16 - —
l.c.l. .....lb. .20 - —
tanks .....lb. .15 - —
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis.....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis.....ton.13.00 - —
250 mesh, containers, extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.15.00 - —
325 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis.....ton.20.00 - —
Mica, dry-grd., plastic, No. 100, 40 mesh, bgs., c.l., works.ton.35.00 - —
l.c.l. works.....ton.43.75 - —
second grade, bgs., c.l., works..ton.33.00 - —
l.c.l., works.....ton.41.25 - —
250, 100 mesh, bgs., c.l., works..ton.40.00 -50.00
l.c.l., works.....ton.50.00 -60.00
second grade, bgs., c.l., works..ton.28.90 -30.00
l.c.l., works.....ton.29.90 -47.50
300, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
roofing, bgs., c.l., works...ton.23.50 -30.00
l.c.l., works.....ton.30.00 -37.50
wet-ground, paint or lacquer, bgs., c.l., divd. E..lb. .04¼- —
l.c.l., 1,000 lbs., divd. E..lb. .04¾- —
smaller lots, divd. E..lb. .05¼- —
paper, wall or coated bgs., c.l., frt. alld., E..lb. .04¼- —
l.c.l., 1,000 lbs., frt. all., E..lb. .04¾- —
smaller lots, frt. alld., E..lb. .05¼- —
rubber, bgs., c.l., frt. alld. E. lb. .04 - —
l.c.l., 1,000 lbs., ft., alld., E..lb. .04½- —
smaller lots, frt. alld., E..lb. .05 - —
wet-ground mica prices are ½c. per pound higher on Pacific Coast
Milk powder, skimmed, roller, bbls., c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
spray, bbls., c.l.....lb. .09 - —
l.c.l. .....lb. .10 - —
unskimmed, roller, bbls., c.l..lb. .20 - —
l.c.l. .....lb. .20½- —
spray, bbls., c.l.....lb. .20 - —
l.c.l. .....lb. .20½- —
Millet seed, yellow, bgs.....lb. .02¾- .04
hulled, bgs.....lb. .05½- .06
Mineral spirits (see Petroleum thinner and V M & P, naphtha).
Molasses, blackstrap, tanks..gal. .07 - —
New Orleans.....gal. .06½- —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00
Monoamylamine, dms., c.l., wks. lb. .52 - —
l.c.l., works.....lb. .55 - —
Monobutylamine dms., l.c.l., works..lb. .65 - —
Monochlorobenzene, dms.....lb. .06 - .06½
Monoethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., dms.....lb. .25 - —
tanks .....lb. .23 - —
Monoethylaniiin, dms.....lb. .77 Nom.
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l. works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein flowers, cns.....lb. .80 - .85
Leaves, bls.....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs.....oz.19.00 -21.00
synth., ambrette, cns., 100 lbs., or more..lb. 3.23 - —
5 lbs. to 75 lbs.....lb. 3.50 - —
1 lb.....lb. 3.65 - —
ketone, cns., 100 lbs. or more, lb. 3.40 - —
5 lbs. to 75 lbs.....lb. 3.65 - —
1 lb.....lb. 3.80 - —
Musk, synth., xylol, cns., 100 lbs. or more..lb. 1.00 - —
5 lb-, to 75 lbs.....lb. 1.10 - —
1 lb.....lb. 1.25 - —
Musk root, bls.....lb. .12 - .13
Mustard seed, Bombay, brown, bgs..lb. .06 - .06½
California, brown, bgs.....lb. .07½- .07½
yellow, bgs.....lb. No stocks.
Chinese, yellow, bgs.....lb. .05¾- .06¼
Danish, yellow, bgs.....lb. .07¼- .08
Dutch, yellow, bgs.....lb. .07¾- .08
English, yellow, bgs.....lb. .08½- .09
Hungarian, yellow, bgs....lb. .07¾- .08¼
Roumanian, yellow, bgs....lb. .05¾- .06¼
Myrobalans, J1, bgs., shipt..ton.28.50 - —
J2, bgs., shipt.....ton.20.50 - —
R2, bgs., shipt.....ton.20.50 - —
Extract, liquid, 25%, bbls....lb. .03¾- .05¼
solid, 50% bbls.....lb. .04¾- —
powdered, 70% bbls.....lb. .05¾- —

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., bbls., wks.... 100 lbs. 2.35 - 2.85
78 deb., bgs., bbls., wks.. 100 lbs. 2.75 - 3.25
Naphthalene, crude, import, bgs., Atl. ports..100 lbs. 2.00 - 2.15

Naphthalene—Oil, Lub.

Naphthalene, refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .06¾- —
50-lb. cs., same basis..lb. .07 - —
pkgs. (16 oz.), same basis, lb. .07½- —
(12 oz.) same basis..pkg. .06 - —
chipped, crushed, bbls., same basis..lb. .06¼- —
rice, cryst., powd., bbls., same basis..lb. .06¾- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .37½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13½
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .70 - —
10-lb. tins.....lb. .86½- —
Nitersake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., c.l..lb. .08 - —
l.c.l.....lb. .09 - —
tanks.....lb. .07¼- —
Nitrocellulose, alcohol-soluble, ¼ and 40, sec. vis., bbls., works..lb. .29 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works..lb. .32 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls., lb. .26 - —
lacquer, 20-30 and 60-80 sec. vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.04 -
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., dlvd....unit-ton. 2.25 Nom.
Chemical, Ill....unit-ton. 2.40 Nom.
East Coast producing points..unit-ton. 2.60 Nom.
import, bgs., c.i.f. Atlantic ports, shipt. unit-ton. 2.40 - —
Nitronaphthalene bbls.....lb. .24 - .25
Nitrotoluene, mixed, dms.....lb. .10½- .11
Nutgalls, Aleppo, bgs., cs.....lb. No prices
Chinese, shipt., cs.....lb. No prices
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19½- .19¾
110s, bgs., cs.....lb. .17¼- .17½
West Indian, bgs.....lb. .12 - .12½
Nux vomica, bls.....lb. .03¾- .04
powd., bbls., bxs.....lb. .06 - .07

O

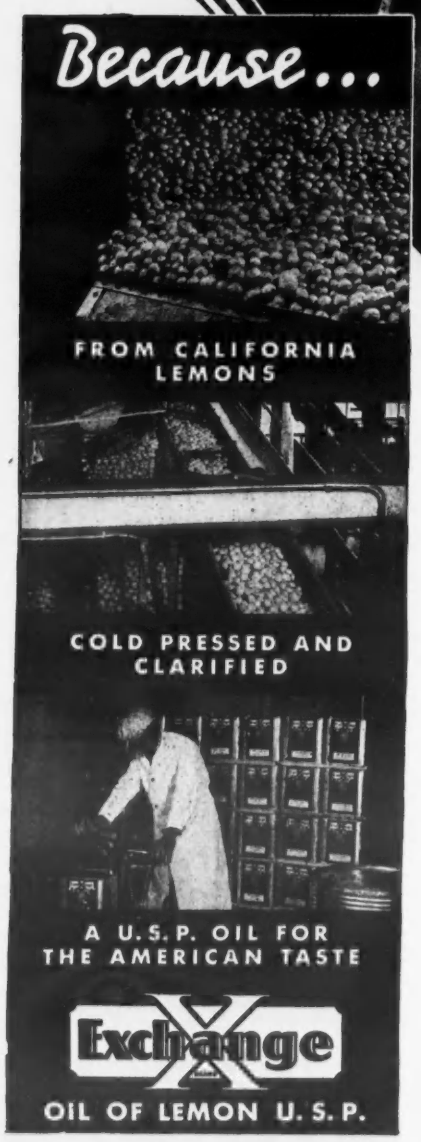
Oakbark extract, 25% tan., bbls., c.l., works..lb. .03½- —
l.c.l., bbls., works.....lb. .03¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3.....gal. .17 - —
tanks, G.3.....gal. .10¼- —
Octyl acetate, dms., c.l.,works.lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.00 - 2.50
a.p.a., bots.....lb. 2.05 - 2.75
sweet, true, exp., cns.....lb. .65 - .68
Amber, crude, cns.....lb. .16 - .17
ref'd, cns.....lb. .50 - .51
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.61.25 -100.00
seed, bots.....lb.70.00 -80.00
Anilin (see A).
Anise, USP, cns., dms.....lb. 1.00 - 1.05
Oil, apricot kernel, cns.....lb. .28 - .32
Babassu, tanks.....lb. .06¾ Nom.
Bay, W. I., cns.....lb. 1.35 - 1.50
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers.....lb. 3.90 - —
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .14 - .17
rectif'd, cns.....lb. .65 - .70
Bois de rose, Brazil, cns....lb. 1.55 - 1.60
Cayenne, cns.....lb. 1.50 - 1.75
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .55 - .60
USP IX, cns.....lb. .66 - .69
Calamus, cns.....lb. 3.75 - 4.00
Camphor, sassafrassy, cns...lb. .20 - .21
dms.....lb. .17 - .18
white, cns.....lb. .20 - .21
dms.....lb. .17 - .18
Cananga, native, cns.....lb. 1.40 - 1.45
rectified, cns.....lb. 2.00 - 2.05
Capsicum (oleoresin), USP X, cns..lb. 1.90 - 2.00
Caraway, USP, cns.....lb. 1.90 - 2.00
Cardamom, bots.....lb.15.00 -33.00
Cassia, USP, cns., dms.....lb. 1.05 - 1.10
Castor, blown, one-way dms., c.l..lb. .11¼- —
l.c.l.....lb. .12 - —
medicinal, bbls., c.l.....lb. .09¾- —
l.c.l.....lb. .10½- —
cns. (1-gal.), l.c.l.....lb. .13½- —
dms. (returnable), c.l....lb. .09½- —
l.c.l.....lb. .10¼- —
(5-gal.), l.c.l.....lb. .11½- —
tanks.....lb. .09 - —
No. 3, bbls., c.l.....lb. .09¼- —
l.c.l.....lb. .10 - —
dms. (returnable), c.l....lb. .09 - —
l.c.l.....lb. .09¾- —
tanks.....lb. .08½- —

Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

Oil, castor, sulphonated, 50%, (48% fat), dms., c.l..lb. .06¼- .06¾
l.c.l.....lb. .07¼- .08¾
75% (63% fat), dms., c.l..lb. .09 - .09½
l.c.l.....lb. .10 - .10½
80% (68% fat), dms., c.l..lb. .09½- .10½
l.c.l.....lb. .10½- .11
Cedarleaf, cns.....lb. .75 - .80
dms.....lb. .72 - .77
Cedarwood, Oregon, cns., dms., lb. .28 - .60
Southern, cns., dms.....lb. .20 - .23
Celery, bots.....lb. 8.75 -12.50
Chaulmoogra, USP, cns., 500 lbs. lb. .90 - —
25 lbs.....lb. 1.00 - —
Chinawood, dms.....lb. .11½- .11¾
tanks.....lb. .11 - .11¼
Cinnamon, Ceylon, bots.....lb. 8.00 -22.00
Seychelle, bots.....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .36½- .38¼
dms.....lb. .34½- .36½
Java, dms.....lb. .41 - .43
Clove, makers, USP, cns....lb. 1.02 - —
dms.....lb. 1.00 - —
Coconut, Manila, crude, tanks.lb. .03¼- —
Pac. Cst.....lb. .02⅝- —
edible, 76°, tax incl., dms., (returnable), c.l..lb. .09¼- —
l.c.l.....lb. .09½- —
tanks.....lb. .08½- —
Cod, Newfoundland, tanked, bbls..gal. .50 Nom.
Norwegian, shipt., bbls...gal. .29 - .32
Codliver, med., U.S.P., Norwegian, bbls..bbl.26.00 - 27.00
Coriander, bots.....lb.16.00 -19.75
Corn crude, tanks, works....lb. .07¼- .07⅝
refd., bbls.....lb. .09½- .09¾
Cottonseed, dom., cooking, bbls., lb. .09¼- —
salad, bbls.....lb. .09⅝- —
import., Brazilian, semi-refd., dms..lb. .0460- —
British, semi-refd. dms..lb. .0475- —
Creosote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.75 - 3.00
Crude (see Petroleum, crude).
Cumin, bots.....lb. 6.75 - 7.00
Cypress, dom., bots.....lb. 5.25 - 5.30
import., cns.....lb.12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.85 - —
California, 24 plus, bulk..bbl. 1.45 - 1.70
Dill seed, bots.....lb. 3.00 - 3.25
weed, bots.....lb. 3.85 - 4.10
Dip (see D).
Erigeron, cns.....lb. 2.40 - 2.50
Eucalyptus, cns.....lb. .42 - .43
dms.....lb. .40 - .41
Fennel, sweet, cns.....lb. 1.20 - 1.30
Fuel, bunker, California, tidewater..bbl. .90 - 1.00
Gulf Coast.....bbl. .85 - .90
Louisiana, Arkansas, 10-14, bbl. .86 - 1.00

N.Y. and N.J. terminals:—
Monday.....bbl. 1.15 - —
Tuesday.....bbl. 1.05 - —
Wednesday.....bbl. 1.05 - —
Thursday.....bbl. 1.05 - —
Friday.....bbl. 1.05 - —
Saturday.....bbl. 1.05 - —
North Texas, 18-22.....bbl. .80 - .85
24-28, zero cold test.....bbl. 1.10 - 1.15
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test.....bbl. 1.07½- 1.12½
24-28, 15 and above.....bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04¾- .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .06 - —
2, bulk, same basis.....gal. .04½- —
4, bulk, same basis.....gal. .04¾- —
Louisiana - Arkansas, 32 - 36, light straw..gal. .03¾- .04
Oklahoma, 28-30.....gal. .03¼- .03½
32-36.....gal. .03¼- .03¾
36-38.....gal. .03¾- .03¾
38-40, straw.....gal. .03¾- .04
38-40 zero, 60 e.p.....gal. .03¾- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04¾- —
Gulf Coast, bulk.....gal. .04¼- .04¼
North Texas, bulk.....gal. .02⅞- .03
Oklahoma, bulk.....gal. .02⅞- .03
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns.lb. 3.50 - 4.50
Bourbon, cns.....lb. 3.20 - 3.80
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 2.15 - 2.20
Ginger, dist., bots.....lb. 7.75 - 8.00
Gualac wood, concrete, bots.lb. 2.75 - 3.10
Haarlem, import., bots....gross 3.25 - 3.35
Halibut-liver, dms.....1,000 A unit gal. .75 - 1.00
Hemlock, cns.....lb. 1.05 - 1.10
Juniper berry, USP, cns.....lb. 1.10 - 1.30
Wood, tech., cns.....lb. .43 - —
Juniper tar, USP XI, 1,000 lb. dms..lb. .40 - .45
cns.....lb. .45 - .50
Lard, common, 1, bbls.....lb. .08¾- —
2, bbls.....lb. .08½- —
extra, bbls.....lb. .09½- —
1, bbls.....lb. .09¾- —
winter, strained, extra, bbls., lb. .09¾- —
prime burning, bbls.....lb. .10¾- —
prime, ed., bbls.....lb. .12 - —
ined., bbls.....lb. .10¼- —
Laurel, bots.....lb. 6.25 - 6.50
Lavandin, cns., 25 lbs.....lb 2.25 - -
Lavender flower, French, 50% ester, cns..lb. 5.00 - 5.25
38-42% ester, cns.....lb. 3.75 - 4.25
35-38% ester, cns.....lb. 3.00 - 3.25
30-32% ester, cns.....lb. 2.25 - 2.30
garden, cns.....lb. .42 - .45
spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms.....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 2.50 - —
Messina, coppers, cns.....lb. 2.90 - 3.00
Lemongrass, native, cns., dms., lb. .38 - .40
Lime, dist., cns.....lb. 4.75 - 5.50
expressed, cns.....lb. 8.00 - 9.50
Linaloe wood, cns.....lb. 1.25 - 1.30
Linseed, boiled, bbls., c.l....lb. .0990- .1010
l.c.l., 5 or more.....lb. .1030- .1050
less than 5.....lb. .1070- .1090
tanks.....lb. .0930- .0950
double boiled, bbls., less than 5 lbs..lb. .1090- .1110
raw, bbls., c.l.....lb. .0950- .0970
l.c.l., 5 or more.....lb. .0990- .1010
less than 5.....lb. .1030- .1050
tanks.....lb. .0890- .0910
Lovage, bots.....lb.41.25 -60.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70, 80, 100, vis., dms..gal. .20 - —
140 vis., dms.....gal. .25 - —
green, pale, 750, 900 vis., dms..gal. .26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., dms..gal. .26 - —
Oklahoma, bright stocks, 100-110 D, color 4, 0-10 pour, tanks..gal. .18½- —
15-25 pour, tanks.gal. .17½- —
150-160 D, color 4½, 0-10 pour, tanks..gal. .20 - —
15-25 pour, tanks..gal. .19 - —
150-160 E, color 5½, 15-25 pour, tanks..gal. .18½- —

OVER TWICE AS POPULAR
as all other Lemon Oils Combined!



EXCHANGE BRAND
Continues to Lead the Field 2 to 1—and to Attract New Users

HIGH quality and right price have made Exchange Brand Oil of Lemon, U.S.P., the unquestioned leader in the United States.

It is made in the world's largest plant devoted exclusively to lemon products.

Nowhere else are there the facilities to keep production quality so uniform. Nowhere else has the American taste been so successfully met.

Be sure to specify it by name: Exchange Brand Oil of Lemon, U.S.P. (Clarified).

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Distributors for
CALIFORNIA FRUIT GROWERS EXCHANGE
Products Department, Ontario, California
Producing Plant: EXCHANGE LEMON PRODUCTS COMPANY, Corona, California
Copr., 1938, California Fruit Growers Exchange, Products Dept.

Oil, lubricating, at rfy., Okla., bright stocks, 190-200 D, color 4¼, 15-25 pour, tanks..gal. .23 - —
200-210 E, 15-25 pour, tanks..gal. .22 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks....gal. .13 - —
180 vis., 3 color, tanks, gal. .14 - —
4 color, tanks....gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks....gal. .15 - —
280 vis., 3 color, tanks, gal. .16½- —
4 color, tanks....gal. .16 - —
300 vis., 3½ color, tanks..gal. .17 - —
350 vis., same basis.gal. .17½- —
400 vis., same basis.gal. .18 - —
500 vis., same basis.gal. .18½- —
600 vis., same basis.gal. .19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Penn., bright, 600 cold test, 10-15 pour, tanks.gal. .19 - —
10-40 pour, tanks.gal. .18½- —
cylinder, 600 fire, tanks, gal. .12½- —
600 flash, tanks.....gal. .15 - —
630 flash, tanks.....gal. .19 - —
635 fire, tanks.....gal. .13½- —
650 fire, tanks.....gal. .14½- —
Warren, E, amber, tanks, gal. .17 - —
neutral, 150 vis., 3 color, tanks..gal. .18 - —
180 vis.,3 color.tanks.gal. .19 - —
200 vis.,2 color.tanks.gal. .20 - —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .27 - .28
unfiltered, 600 s.r....bbls., f.a.s..gal. .21 - —
600 flash, s.r., bbls., c.l., gal. .23½- —
630 s.r., bbls., c.l., f.a.s. gal. .25 - —
Warren, E, bbls., c.l., f.a.s. gal. .24½- —
smaller lots, f.o.b..gal. .26½- —
Mace, dist., cns., dms.....lb. 1.20 - 1.25
Mandarin, superior, coppers..lb. 6.00 - 7.50
Menhaden, crude, tanks, f.o.b. Balto..gal. .35 Nom.
refd., alkali, dms.....lb. .0870- .0890
tanks .....lb. .0810- —
blown, dms.....lb. .0870- .0890
kettle-bodied, dms.....lb. .0970- .0990
light pressed, dms.....lb. .0810- .0830
tanks .....lb. .0740- —
Mineral, white (see Oil, white mineral).
Mustard, artif., USP, cns...lb. 1.70 - 1.75
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls.....lb. .75 - .80
Neatsfoot, 20° cold test, bbls. lb. .16½- —
extra, bbls.....lb. .09½- —
1, bbls.....lb. .09 - —
pure, bbls.....lb. .11¾- —
prime, bbls.....lb. .10¼- —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli, bots.....lb.115.00 -140.00
Nutmeg, USP, cns., dms.....lb. 1.20 - 1.25
Oiticica, dms.....lb. .10¼- .10¾
Oleo, 1, bbls.....lb. .09 - —
2, bbls. .....lb. .08½- —
Oilbanum, bots.....lb. 5.00 - 5.25
Olive, denat., bbls.....gal. .95 - .98
edible, bbls. .....gal. 1.85 - 2.00
foots, bbls. .....lb. .08½- .08¾

Oil, olive, sulphonated, 50% (43% fat), dms., c.l..lb. .11½- .12
l.c.l. .....lb. .12½- .13
75% (63% fat), dms., c.l..lb. .13½- .14
l.c.l .....lb. .14½- .15
80% (68% fat), dms, c.l..lb. .14½- .15
l.c.l. .....lb. .15½- .16
Orange sweet, dist., cs.....lb. .90 - —
expressed, African, cns., dms..lb. 1.30 - 1.35
Calif., cns.....lb. 1.75 - —
Florida, cns.....lb. 1.75 - —
Messina, USP,coppers.lb. 2.25 - 3.00
West India, cns.....lb. 1.95 - 2.00
Origanum, Spanish, cns.....lb. .90 - 1.60
Orris, Florentine, concrete, extra strong, bots..oz. 5.25 - 5.50
Palm, Niger, cks.....lb. .0385- —
shipment .....lb. .0360- —
softs, 12½%, bulk, shipt....lb. .0310- —
20%, bulk, shipt.....lb. .0295- —
Sumatra, shipt., bulk.....lb. .03¼- —
Palmarosa, cns. .....lb. 2.05 - 2.25
Palmkernel, bulk, shipt.....lb. .0390- —
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .05¼- —
330° flash, 70-80 vis., tanks, G. 3..gal. .05½- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. 3..gal. .05¾- —
Patchouli, bots.. cns.....lb. 4.50 - 8.00
Peanut, crude, dom., tanks..lb. .07⅛- .07¼
refd., edible, bbls.....lb. .10 - .10¼
Pennyroyal, dom., cns.....lb. 1.40 - 1.45
import, cns. .....lb. 1.35 - 1.40
Peppermint, natural, cns., dms.. lb. 2.00 - 2.25
redist., USP, cns., dms....lb. 2.20 - 2.45
Perilla, dms.....lb. .10½- .10¾
tanks .....lb. .10 - .10¼
Petitgrain, Paraguay, cns....lb. 1.05 - 1.10
Pimento berry, cns.....lb. 3.65 - 7.50
leaf, cns. .....lb. 2.30 - 2.40
Pine, dest.-dist., straw-color, dms., dlvd., E. ports...gal. .52 - .55
steam-dist., dms.....gal. .59 - —
tanks .....gal. .54 - —
Pineneedle, Siberian, cns....lb. 1.02 - 1.05
Putty, bbls., El Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, blown, bbls.....lb. .14½- .14¾
denat., bbls. .....gal. .86 - .87
Red, dist. or saponif., bbls. dlvd..lb. .09¾- .10¾
dms., dlvd.....lb. .09¼- .10½
tanks, dlvd.....lb. .08¾- .09¾
white, dms.....lb. .12¼- .13
Rose, artif., bots.....oz. 2.00 - 8.00
natural, coppers.....oz. 5.25 -22.50
Rosemary, Spanish, cns....lb. .56 - .75
dms. .....lb. .51 - .70
Rosin, 1st rectfd., dms.....gal. .47 - .49
2d rectfd., dms.....gal. .49 - .51
3d rectfd., dms.....gal. .53 - .55
Rue, bots.....lb. 2.15 - 2.20
Sage, cns. .....lb. 1.40 - 1.45
Sandalwood, Australia, cns..lb. 4.50 - 5.00
E.I., USP, cns.....lb. 5.20 - 5.25
Sardine, crude, tanks, Pac. Cst..gal. .40 Nom.
refd., alkali, dms.....lb. .0870- .0890
tanks .....lb. .0810- —
kettle-bodied, dms. .....lb. .0970- .0990
light, pressed, dms.....lb. .0810- .0830
tanks .....lb. .0740- —

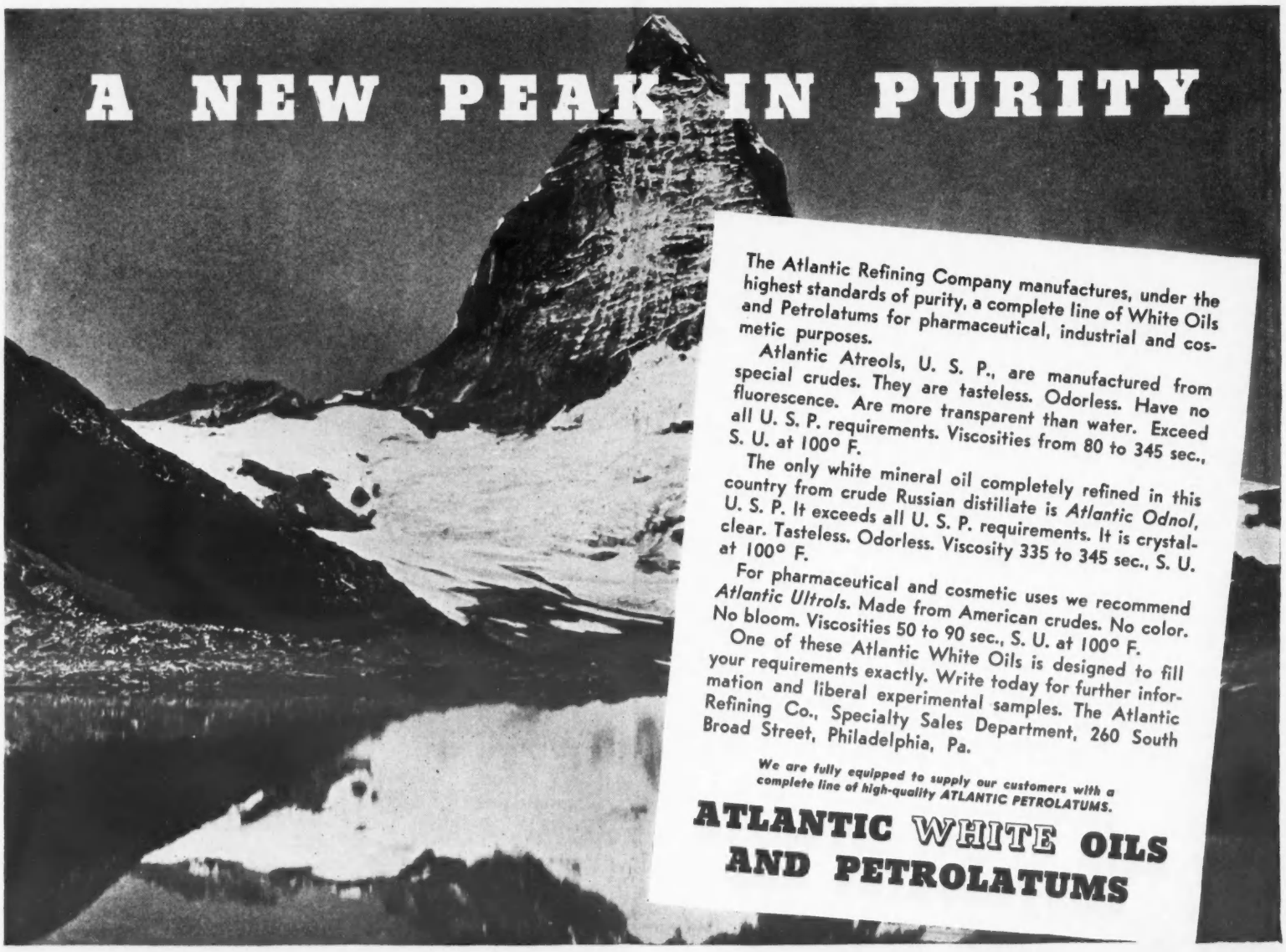
Oil, sassafras, artif., cns.....lb. .37 - .38
dms. .....lb. .35 - .36
natural, cns., dms.....lb. .90 - 1.05
Savin, cns. .....lb. 1.45 - 1.50
Savory, cns. .....lb. 2.00 - 2.25
Sesame, dom,, refd., white, dms. lb. .10¼Nom.
Shingle stain, bbls., c.l., works, gal. .18 - —
l.c.l., works.....gal. .21 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns.....lb. 9.50 -10.00
Soybean, dom., crude, dms..lb. .0730- .0750
tanks .....lb. .0650- —
refd., dms.....lb. .0830- .0920
tanks .....lb. .0770- —
Spearmint, U.S.P., cns.....lb. 1.60 - 1.70
Sperm, bleach, 38°, dms.....lb. .1000- .1020
45°, dms .....lb. .0930- .0950
natural, dms.....lb. .0880- .0900
Spruce, cns., dms.....lb. 1.05 - 1.10
Sweet birch, North, cns.....lb. 2.25 - 3.50
South, cns.....lb. 1.65 - 2.00
Tallow, acidless, bbls.....lb. .09 - —
tanks .....lb. .08½- —
Tansy, cns. .....lb. 4.30 - 4.75
Tar, com'l, dms., c.l., dlvd., E. cities..gal. .26 - —
E. ports .....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
rectfd., U.S.P., bbls., dlvd. E. ports..gal. .50 - —
Tar acid (see T).
Teaseed, crude, dms.....lb. .07½- .07¾
Tea Tree (see Oil, ti tree).
Thyme, NF, red, dms.....lb. .85 - 1.25
white, dms. .....lb. .85 - 1.45
Ti tree, cns. .....lb. 3.10 - 3.50
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns. .....gal. 4.25 - 5.00
Valerian, bots. .....lb.11.00 -12.00
Vetiver, bots. .....lb. 4.35 -16.50
Walnut, crude, dms.....lb. .11¾- .12
refd., dms. .....lb. .12¾- .13
Whale, refd., natural, dms..lb. .0940- .0960
winter, bleach, dms.....lb. .0980- .1000
Wheat germ, phar., cns., dms. gal.22.50 -30.00
feedstuff, cns., dms.....gal.17.50 -25.00
White, mineral, dom., tech., 50-60 vis., dms.....gal. .42 - —
65-75 vis., dms.....gal. .44 - —
80-90 vis., dms.....gal. .45 - —
U.S.P., 80-90 vis., dms..gal. .49 - —
95-105 vis., dms.....gal. .57 - —
125-135 vis., dms.....gal. .64½- —
140-150 vis., dms.....gal. .68 - —
175-185 vis., dms.....gal. .72½- —
200-210 vis., dms.....gal. .74½- —
320-330 vis., dms.....gal. .80¼- —
335-345 vis., dms.....gal. .82 - —
Russian, 80-90 vis., dms..gal. .49 - —
145-155 vis., dms.....gal. .68 - —
175-185 vis., dms.....gal. .72½- —
335-345 vis., dms.....gal. .82 - —
Wintergreen, natural, North, cns..lb. 4.00 - 8.00
South, cns.....lb. 3.05 - 3.75
synth (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns. .....lb. 2.65 - 2.70
Wormwood, cns.....lb. 2.65 - 2.70
Ylang-ylang, Bourb., bots., cns., lb. 3.50 - 6.00
Manila, bots. .....lb.18.00 -24.00
Opium, USP, cns.....lb.11.50 -12.50
gran., cns.....lb.12.50 -13.50
powd., cns.....lb.12.50 -13.50

Oil, Lub.—Paradichlor.

Orange, Lake, Persian, bbls....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb. .10¾- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .10¾- —
Colo., Mont., N. M., Wyo..lb. .10½- —
Other points.....lb. .10 - —
smaller lots, dlvd., Ala., etc..lb. .10¾- —
Ariz., etc.....lb. .11¼- —
Colo., Mont., N. M., Wyo..lb. .11 - —
Other points.....lb. .10½- —
French, Tours, csks, ex dock, lb. .13½- —
kgs., ex dock.....lb. .14½- —
Molybdate, bbls.....lb. .31 - —
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .33 - .35
Orange peel, bitter, bls.....lb. .08 - .09
sweet, bls. .....lb. .09 - .10
Orris root, Florentine, bgs.....lb. .10 - .11
fingers, cs.....lb. .90 - .95
powd., bbls., bxs.....lb. .12 - .13
Verona, bls.....lb. .09 - .10
powd., bxs., cs.....lb. .12 - .13
Orthoanisidin, bbls.....lb. .70 - .74
Orthochloroanilin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .32 - —
Orthocresol, dms., c.l., works..lb. .16½- —
l.c.l., same basis.....lb. .17½- —
Orthodichlorobenzene, dms., c.l., works, frt. alld E. of Rockies..lb. .06 - —
l.c.l., same basis.....lb. .07 - —
100-lb. tins, same basis.lb. .08 - —
50-lb. tins, same basis..lb. .09 - —
tanks, same basis.....lb. .05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroanilin, dms.....lb. .35 - —
Orthonitrochlorobenzene, kgs..lb. .18 - —
Orthonitroparachlorophenol, cns.lb. .75 - —
Orthonitrotoluene, dms.....lb. .08 - —
Orthotoluenehydrochloride, dms.lb. .22 - —
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms.....lb. .10 - —
Osage orange extract, cryst., bbls., lb. .19 - —
liquid, 42°, bbls.....lb. .08 - —
51°, bbls.....lb. .09 - —
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00

P

Papain, powd., cs.....lb. 1.40 - 1.45
Paprika, Hungarian, extra fancy, bgs..lb. .21½- .22
medium, bgs.....lb. .20 - .20½
Spanish, extra fancy, cs.....lb. .28 - .29
fair, bgs.....lb. .24 Nom.
fancy, bgs. .....lb. .27 Nom.
medium, bgs. .....lb. .23½- .24
Para-aminoacetanilide, kgs....lb. .85 Nom.
Parachlorophenol, dms.....lb. .45 - —
Paracymene, refd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms., c.l.lb. .11 - .12
l.c.l. .....lb. .12¼- .15¼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The Atlantic Refining Company manufactures, under the highest standards of purity, a complete line of White Oils and Petrolatums for pharmaceutical, industrial and cosmetic purposes.
Atlantic Atreols, U. S. P., are manufactured from special crudes. They are tasteless. Odorless. Have no fluorescence. Are more transparent than water. Exceed all U. S. P. requirements. Viscosities from 80 to 345 sec., S. U. at 100° F.
The only white mineral oil completely refined in this country from crude Russian distillate is Atlantic Odnol, U. S. P. It exceeds all U. S. P. requirements. It is crystal-clear. Tasteless. Odorless. Viscosity 335 to 345 sec., S. U. at 100° F.
For pharmaceutical and cosmetic uses we recommend Atlantic Ultrols. Made from American crudes. No color. No bloom. Viscosities 50 to 90 sec., S. U. at 100° F.
One of these Atlantic White Oils is designed to fill your requirements exactly. Write today for further information and liberal experimental samples. The Atlantic Refining Co., Specialty Sales Department, 260 South Broad Street, Philadelphia, Pa.
We are fully equipped to supply our customers with a complete line of high-quality ATLANTIC PETROLATUMS.
ATLANTIC WHITE OILS AND PETROLATUMS

Paraffin—Pyrocatechin

Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy.	.lb.	.02 - —
bbls., c.l., N. Y.	.lb.	.0185- —
124-126 A.m.p., bgs., c.l., Okla., refy.	.lb.	.02 - —
bbls., c.l., N. Y.	.lb.	.0185- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y.	.lb.	.02¼-Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l.	.lb.	.0430- —
125-127 A.m.p., bgs., c.l.	.lb.	.0435- —
128-130 A.m.p., bgs., c.l.	.lb.	.0445- —
130-132 A.m.p., bgs., c.l.	.lb.	.0455- —
133-135 A.m.p., bgs., c.l.	.lb.	.05 - —
135-137 A.m.p., bgs., c.l.	.lb.	.05¼- —
138-140 A.m.p., bgs., c.l.	.lb.	.06 - —
143-145 A.m.p., bgs., c.l.	.lb.	.07 - —
refined paraffin prices in cases are ¼c. lb. higher than bags price.		
match, A.m.p. up to and incl. 110-112 bbls., c.l.	.lb.	.02½- .02¾
semirfd., solid, 122-124 A.m.p., bgs.	.lb.	.03¼ Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.	.lb.	.34 - —
100 to 900 lbs. shipments, same basis.	.lb.	.35 - —
Paraldehyde, tech., 99%, 55 and 100 gal. dms., dlvd.	.lb.	.16 - —
5 and 10 gal. dms., dlvd.,	lb.	.17 - —
USP, cbys.	.lb.	.37 - .45
Paranitroanilin, kgs., works.	.lb.	.51 - —
Paranitrochlorobenzene, kgs.	.lb.	.15 - —
Paranitrophenol, kgs.	.lb.	.35 - —
Paranitrotoluene, kgs.	.lb.	.35 - —
Paraphenylenediamine, bbls.	.lb.	1.25 - 1.30
Paratoluenesulphonamide, bbls.	.lb.	.70 - —
Paratoluidin, bbls.	.lb.	.56 - —
Pareira brava root, bls.	.lb.	.15 - .18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. all'd	lb.	.23 - .25
less car lot, same basis	.lb.	.24 - .26
Passion flower herb, bls.	.lb.	.07 - .07½
Patchouli leaves, bls.	.lb.	.18 - .20
Pellitory root, bls.	.lb.	.18 - .20
Pennyroyal herb, bls.	.lb.	.07 - .08
leaves, bls.	.lb.	.14 - .15
Pentanes norm., 28-38°, dms., c.l., G.3.	.gal.	.11½- —
l.c.l., G.3	.gal.	.16 - —
tanks, G.3	.gal.	.08½- —
laboratory grade, dms., c.l., G.3.	.gal.	.14 - —
l.c.l., G.3	.gal.	.25 - —
Pepper, black, Alleppy, bgs.	.lb.	.08½- .09
Lampong, bgs.	.lb.	.05½- .05¾
Tellicherry, bgs.	.lb.	.09 - .09¼
Red, Japanese, 1, bgs	.lb.	.20 - .20½
Mombasa, bgs	.lb.	.21 Nom.
White, Java, Muntok, bgs.	.lb.	.08½- .08¾
Saigon, bgs.	.lb.	.08½- .09
Peppermint leaves, dom., bls.	.lb.	.30 - .31
import, bls.	.lb.	.45 - .48
Peru, balsam, dms	.lb.	.75 - .76
Petrolatum, amber, bbls., c.l.,	lb.	.02¾- —
l.c.l.	.lb.	.03⅜- —
extra, bbls.	.lb.	.03 - —
l.c.l.	.lb.	.04¼- —
cream (see white, cream)		
green (see red)		
red, veterinary, bbls., c.l.	.lb.	.02½- —
l.c.l.	.lb.	.03⅝- —
white, cream, bbls., c.l.	.lb.	.04½- —
l.c.l.	.lb.	.06¼- —
lily, bbls., c.l.	.lb.	.05½- —
l.c.l.	.lb.	.07¼- —
snow., bbls., c.l.	.lb.	.06½- —
l.c.l.	.lb.	.08¾- —
Petroleum, crude, bulk, at wells:—		
California:—		
Alamitos Heights	.bbl.	.74 - .95
Athens	.bbl.	.84 - 1.09
Belridge	.bbl.	.70 - 1.32
Buena Vista Hills	.bbl.	.70 - 1.38
Canal-Greely	.bbl.	.84 - 1.64
Coalinga	.bbl.	.70 - .90
Coyote Hills (West)	.bbl.	.78 - 1.32
Domingues	.bbl.	.79 - 1.00
East Coyote	.bbl.	.76 - .96
Elk Hills	.bbl.	.70 - 1.38
Elwood Terrace, f.o.b. ship.,	bbl.	1.28 - 1.43
El Segundo	.bbl.	.80 - 1.21
Huntington Beach	.bbl.	.78 - 1.22
Inglewood	.bbl.	.79 - 1.27
Kern Front	.bbl.	.70 - —
Kern River	.bbl.	.70 - —
Kettleman Hills	.bbl.	1.19 - 1.43
La Habra	.bbl.	.76 - .96
Lakeview	.bbl.	.70 - 1.38
Lost Hills	.bbl.	.70 - 1.32
McKittrick	.bbl.	.70 - —
Midway - Sunset (except Lakeview)	.bbl.	.70 - 1.38
Montebello	.bbl.	.77 - 1.43
Mt Poso	.bbl.	.70 - —
Mountain View	.bbl.	.70 - 1.20
Newhall	.bbl.	.70 - —
Orcutt	.bbl.	.70 - .93
Olinda Brea	.bbl.	.76 - 1.27
Playa del Rey, f.o.b. pipe-line	.bbl.	.80 - 1.10
Richfield	.bbl.	.76 - 1.09
Rosecrans	.bbl.	.84 - 1.66
Round Mt.	.bbl.	.70 - —
Santa Fe Springs	.bbl.	.78 - 1.42
Santa Paula	.bbl.	.70 - 1.01
Seal Beach	.bbl.	.79 - 1.19
Signal Hill	.bbl.	.80 - 1.21
Torrence	.bbl.	.80 - 1.05
Wheeler Ridge	.bbl.	.70 - .83
Whittier	.bbl.	.76 - .96
Wilmington	.bbl.	.75 - 1.21
Canada:—		
Oil Springs	.bbl.	2.17 - —
Petrolia	.bbl.	2.10 - —
Central West:—		
Illinois	.bbl.	1.35 - —
Lima	.bbl.	1.25 - —
Midland (Mich.)	.bbl.	1.12 - —
Princeton	.bbl.	1.35 - —
East Texas	.bbl.	1.35 - —
Gulf Coast:—		
Barber's Hill	.bbl.	.93 - 1.41
Batson	.bbl.	.95 - 1.41
Dayton	.bbl.	.95 - 1.41
Esperson	.bbl.	.95 - 1.41
Goose Creek	.bbl.	.95 - 1.41
Hull	.bbl.	.95 - 1.41
Humble	.bbl.	.90 - 1.41
Liberty	.bbl.	.90 - 1.41
Markham	.bbl.	.96 - 1.29
Orange	.bbl.	.95 - 1.41
Pettus	.bbl.	1.37 - —
Pierce Junction	.bbl.	.95 - 1.41
Refugio (incl. Greta, Tatt, Saxet)	.bbl.	1.01 - 1.17
Saratoga	.bbl.	.95 - 1.41
Sour Lake	.bbl.	.90 - 1.41
Spindle Top	.bbl.	.95 - 1.41
Sugarland	.bbl.	.95 - 1.41
West Columbia	.bbl.	.95 - 1.41
Kentucky, Tennessee:—		
Big Sandy river	.bbl.	1.42 - —
Kentucky river	.bbl.	1.50 - —
Western Kentucky (Owensboro)	.bbl.	1.40 - —
Louisiana, Arkansas:—		
Bull Bayou	.bbl.	.90 - 1.22
Caddo	.bbl.	.90 - 1.22
Cameron Meadows	.bbl.	.90 - 1.30
Choctaw	.bbl.	.90 - 1.30
Petroleum, crude, bulk, at wells:—		
Cotton Valley	.bbl.	.90 - 1.22
Darrow	.bbl.	.90 - 1.30
De Soto	.bbl.	.90 - 1.22
El Dorado	.bbl.	.90 - 1.22
Haynesville	.bbl.	.90 - 1.22
Homer	.bbl.	.90 - 1.22
Iowa	.bbl.	.90 - 1.30
Lockport	.bbl.	.90 - 1.30
Miller County	.bbl.	.90 - 1.22
Pine Island	.bbl.	.90 - 1.22
Rainbow	.bbl.	.90 - 1.22
Rodessa	.bbl.	.90 - 1.22
Smackover	.bbl.	.90 - —
Tepetate	.bbl.	1.24 - —
Urania	.bbl.	1.02 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—		
Panuco	.bbl.	1.05 Nom.
Tax, 14.392c. per bbl.		
Tuxpan	.bbl.	No prices.
Tax, 23.45c. per bbl.		
Midcontinent:—		
North Texas	.bbl.	.96 - 1.20
Oklahoma-Kansas	.bbl.	.98 - 1.30
Altus, Tipton (Okla.),	bgs.	.96 - 1.20
Pennsylvania, Ohio West Virginia:—		
Bradford-Allegany	.bbl.	2.05 - —
Corning	.bbl.	1.27 - —
Pennsylvania grade, in Buckeye lines.	.bbl.	1.55 - —
Eureka lines	.bbl.	1.65 - —
N. Y. Transit lines.	.bbl.	2.05 - —
S. W. Penn. lines.	.bbl.	1.71 - —
lower district in National Transit lines.	.bbl.	1.93 - 1.98
Rocky Mountain:—		
Big Muddy	.bbl.	1.18 - 1.23
Canon City-Florence	.bbl.	1.10 - —
Cat Creek	.bbl.	1.40 - —
Dutton Creek	.bbl.	1.06 - 1.30
Elk Basin	.bbl.	1.30 - —
Fort Collins-Wellington	.bbl.	1.01 - 1.25
Frannie, light	.bbl.	.82 - —
Grass Creek	.bbl.	1.30 - —
Greybull	.bbl.	1.30 - —
Iles	.bbl.	1.12 - 1.18
Lance Creek	.bbl.	.97 - —
Lander	.bbl.	.61¼- —
Midway	.bbl.	1.06 - 1.30
Rock Creek	.bbl.	1.20½- —
Salt Creek	.bbl.	1.06 - 1.30
Sunburst	.bbl.	1.20 - —
Torchlight	.bbl.	1.30 - —
South, Central and Southwestern Texas:—		
Cass County	.bbl.	.93 - 1.25
Cleveland-Liberty	.bbl.	1.27 - —
Conroe	.bbl.	1.20 - 1.44
Darst Creek	.bbl.	1.09 - —
Hardin-Liberty	.bbl.	1.15 - —
Luling	.bbl.	1.00 - —
Lytton Springs	.bbl.	1.12 - —
Mirando (incl. Duval)	.bbl.	.96 - 1.30
Panola County	.bbl.	.93 - 1.25
Salt Flat	.bbl.	1.09 - —
Tomball	.bbl.	1.20 - 1.44
Van	.bbl.	1.10 - —
Texas Panhandle:—		
Carson-Hutchinson counties,	bbl.	.91 - 1.03
Gray County	.bbl.	.96 - 1.08
West Texas:—		
Artesia, N. M.	.bbl.	.90 - —
Crane	.bbl.	.78 - 1.08
Crockett	.bbl.	.78 - 1.08
Ector	.bbl.	.78 - 1.08
Glasscock	.bbl.	.78 - 1.08
Hogback	.bbl.	1.33 - —
Howard	.bbl.	.78 - 1.08
Jackson, N. M.	.bbl.	.90 - —
Lea, N. M.	.bbl.	.78 - 1.08
Maljamar, N. M.	.bbl.	.90 - —
Mitchell	.bbl.	.78 - 1.08
Pecos	.bbl.	.91 - —
Upton	.bbl.	.78 - 1.08
Winkler	.bbl.	.78 - 1.08
Ether, 30-60°, dms., c.l., G. 3,	gal.	.14 - —
l.c.l., G. 3	.gal.	.25 - —
tanks, G.3	.gal.	.13 - —
35-60°, dms., l.c.l., G.3	.gal.	.30 - —
40-75°, dms., c.l., G.3	.gal.	.14 - —
l.c.l., G.3	.gal.	.25 - —
tanks, G.3	.gal.	.13 - —
laboratory grade, dms., c.l., G.3.	.gal.	.14 - —
c.l., G.3	.gal.	.25 - —
10-gal. lots, G.3	.gal.	.50 - —
Lacquer, diluent, at refinery:—		
California 60, 100 i.b.p., 200 e.p., tanks, delvd. Los Angeles.	.gal.	.11 - —
San Francisco.	.gal.	.11½- —
f.o.b. Richmond.	.gal.	.11½- —
Willbridge, Ore.; Pt. Wells, Wash.	.gal.	.12 - —
East Coast, tanks	.gal.	.12 - .12½
Group 3, tanks	.gal.	.07⅝- —
Naphtha, cleaners, at refinery:—		
East Coast, tanks	.gal.	.10 - —
Group 3, tanks	.gal.	.06⅝- —
tankwagon, Boston, ex tax,	gal.	.13 - —
Bridgeport	.gal.	.13½- —
Chicago, inc. 4c. tax.	.gal.	.17½- —
Decatur, inc. 4c. tax.	.gal.	.191 - —
Des Moines, inc. 4c. tax.	.gal.	.189 - —
Evansville, inc. ex tax.	.gal.	.14½- .15½
Milwaukee, inc. 5c. tax,	gal.	.203 - —
Minneapolis-St. Paul, inc. 5c. tax.	.gal.	.20½- —
Newark, ex tax	.gal.	.12 - —
New York, ex tax	.gal.	.12 - —
Omaha, ex tax	.gal.	.144 - .154
Oklahoma City, ex tax.	.gal.	.16 - —
Philadelphia, ex tax	.gal.	.11½- —
St. Louis, inc. 1c. tax.	.gal.	.157 - —
Syracuse, 150 gals.	.gal.	.14 - —
smaller lots, galv. drums,	gal.	.16 - —
milk cans	.gal.	.21 - —
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway.	.gal.	.16 - —
2, over 90% arom., same basis.	.gal.	.18 - —
3, tanks, f.o.b. Bayway.	.gal.	.18 - —
8, tanks, f.o.b. Paulsboro, N. J.	.gal.	.15 - —
30, same basis.	.gal.	.16 - —
79, same basis.	.gal.	.14½- —
V. m. & p., at refinery:—		
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo.	.gal.	.11 - —
Richmond, gal.	.gal.	.11½- —
Willbridge, Ore., Pt. Wells, Wash.	.gal.	.12 - —
54-57, 190 i.b.p., 310 e.p. tanks, dlvd. Los Angeles.	.gal.	.10 - —
San Francisco.	.gal.	.10½- —
Portland, Seattle.	.gal.	.11 - —
East Coast, tanks	.gal.	.10 - —
Group 3, tanks	.gal.	.06⅝- —
tankwagon, Boston, ex tax	gal.	.13 - .14
Chicago, inc. 4c. tax.	.gal.	.16½- —
Decatur, inc. 4c. tax.	.gal.	.191 - —
Des Moines, inc. 4c. tax.	.gal.	.189 - —
Evansville, Ind., ex tax.	.gal.	.147 - .157
Milwaukee, inc. 5c. tax.	.gal.	.203 - —
Minneapolis-St. Paul, inc. 5c. tax.	.gal.	.20½- —
Newark, ex tax	.gal.	.12½- —
New York, ex tax	.gal.	.11 - —
Petroleum, naphtha, v.m.&p., t/w, Omaha, ex tax	.gal.	.144 - .154
Philadelphia, ex tax	.gal.	.12½- —
St. Louis, inc. 1c. tax.	.gal.	.157 - —
Solvent, rubber, at refinery, East Coast, tanks.	.gal.	.09½- .10
Group 3, light, 120 i.b.p., 250 e.p., tanks.	.gal.	.06⅝- —
standard, 180 i.b.p., 288 e.p., tanks.	.gal.	.06⅝- —
Stoddard (CS 3-38), at refinery:—		
East Coast, tanks	.gal.	.10 - —
Group 3, tanks	.gal.	.05⅞- —
tankwagon, Boston, ex tax,	gal.	.12½- .13¼
Chicago, inc. 4c. tax.	.gal.	.162 - —
Decatur, inc. 4c. tax—	.gal.	.181 - —
Des Moines, inc. 4c. tax.	.gal.	.179 - —
Evansville, Ind., ex tax.	.gal.	.135 - .145
Milwaukee, inc. 5c. tax,	gal.	.193 - —
Minneapolis-St. Paul, inc. 5c. tax.	.gal.	.174 - —
Newark, ex tax	.gal.	.11½- —
New Orleans, ex tax.	.gal.	.11 - —
New York, ex tax	.gal.	.11½- —
Omaha	.gal.	.131 - .141
Philadelphia, ex tax.	.gal.	.11½- —
St. Louis, inc. 1c. tax.	.gal.	.146 - —
Tulsa, ex tax	.gal.	.10 - .11
Thinner, at refinery:—		
California, 34, 325 i.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles	.gal.	.14 - —
Portland, Ore.	.gal.	.15 - —
Richmond	.gal.	.13½- —
Seattle, Wash.	.gal.	.15½- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore.,	gal.	.10½- —
Richmond	.gal.	.10 - —
Southern Calif.	.gal.	.09½- —
56, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo.	.gal.	.11 - —
Portland, Ore.	.gal.	.12 - —
Richmond	.gal.	.11½- —
Seattle, Wash.	.gal.	.12 - —
East Coast, 43-47, tanks.	.gal.	.09½- .10
47-49, tanks	.gal.	.09½- .10
New Jersey, tanks.	.gal.	.09 - —
Group 3, tanks	.gal.	.05⅝- —
tankwagon, tax included:—		
Albany	.gal.	.13 - —
Baltimore (100 gals.).	.gal.	.12½- .15½
25-99 gals	.gal.	.13½- .15½
Boston	.gal.	.12½- .13½
Bound Brook, North Amboy, N. J.	.gal.	.11½- .13½
Bridgeport, Conn.	.gal.	.13 - —
Buffalo	.gal.	.12½- —
Camden, N. J.	.gal.	.115 - .136
Chicago	.gal.	.16½- —
Decatur, Ill.	.gal.	.181 - —
Des Moines	.gal.	.179 - —
Evansville, Ind.	.gal.	.137 - .147
Milwaukee	.gal.	.198 - —
Minneapolis-St. Paul.	.gal.	.19½- —
Newark	.gal.	.09½- —
New York (200 gals.).	.gal.	.11 - —
Omaha	.gal.	.131 - .141
Philadelphia	.gal.	.115 - .135
Pittsburgh	.gal.	.12 - .14
Providence	.gal.	.12½- .13½
Rochester	.gal.	.12 - .16
St. Louis	.gal.	.147 - —
Syracuse	.gal.	.14 - —
Trenton	.gal.	.11½- .14
Wilmington, Del.	.gal.	.11½- .13½
Phenobarbital, bots., 5 lbs.	.lb.	4.35 - —
bots. or cns., spot or contract, 100 lbs.	.lb.	4.00 - —
cns., 25 lbs.	.lb.	4.25 - —
Phenol, USP, dms., c.l., works, frt. equald.	.lb.	.14½- .15½
l.c.l., same basis.	.lb.	.15½- .16½
under 1,000 lbs.	.lb.	.16½- .17½
tanks, works.	.lb.	.13½- —
Phenolphthalein, USP, bbls., dms. 2,000 lb. lots.	.lb.	.85 - —
bbls., dms., kegs, 100-250 lbs.	lb.	.87 - .90
yellow, fib., dms., 2,000-lb. lots,	lb.	.80 - —
100-lb. fib., dms.	.lb.	.82 - —
25-lb. dms.	.lb.	.87 - —
50-lb. kgs.	.lb.	.84 - —
Phenyl chloride, dms.	.lb.	.17 - —
Phenylacetaldehyde, bots.	.lb.	2.25 - 3.50
Dimethylacetate, cns.	.lb.	14.50 -15.00
Phenylethylphenyl acetate, bots.,	lb.	7.90 -15.50
Phenylhydrazine base, CP, bots.,	lb.	4.00 - —
Hydrochloride, CP, bots.,	works.	4.00 - —
commercial, kgs., works.	.lb.	1.50 - —
pure, bbls., works.	.lb.	2.25 - —
Phloroglucinol, CP, tins, works.	lb.	20.00 -22.00
tech., tins, works.	.lb.	15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines.	.long ton.	4.35 - —
land pebble, 68% min., bulk, mines.	.long ton.	1.85 - —
70% min., bulk, mines,	long ton.	2.35 - —
72% min., bulk, mines,	long ton.	2.85 - —
75% basis, 74% min., bulk mines.	.long ton.	3.85 - —
Tenn., 72% bulk, mines, long	ton.	4.50 - —
75%, bulk, mines.	.long ton.	5.50 - —
Phosphorus, red, cs.	.lb.	.40 - .44
Yellow, cs.	.lb.	.24 - .30
Oxychloride, cyls.	.lb.	.15 - .18
Sesquisulphide, cs.	.lb.	.38 - .42
Trichloride, cyls.	.lb.	.15 - .18
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R.	.lb.	.14½- —
l.c.l., same basis.	.lb.	.15½- —
Pichi leaves, bgs.	.lb.	.08 - .10
Pilocarpine hydrochloride, bots., vis.	.oz.	2.40 - 2.50
Nitrate, bots., vis.	.oz.	2.90 - 3.00
Pimento, bgs.	.lb.	.14¼- .14½
Pinkroot, bls.	.lb.	.40 - .45
Pitch, Burgundy (see B)		
Coaltar, 160° m.p., bbls., c.l., works.	.ton.	19.00 - —
l.c.l.	.ton.	22.00 - —
Pitch, hardwood, 1-time, dm., c.l., dlvd. Akron.	.ton.	23.75 -24.00
Linseed, dms.	.lb.	.05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas)		
Pine, bbls.	.bbl.	6.00 - 6.25
Plaster of paris (see Gypsum).		
Pleurisy root, bls.	.lb.	.12 - .18
Podophyllin, dms.	.lb.	5.00 - 5.25
Poke root, bls.	.lb.	.07½- .08
Pomegranate bark, bgs.	.lb.	.16 - .17
Root bark, bgs.	.lb.	.35 - .36
Poppy flowers, red, bls.	.lb.	.75 - .85
Seed, Dutch, bgs.	.lb.	.11¾- .12¼
Polish, bgs.	.lb.	.11¾- .12¼
Potash acetate, tech., bbls., dlvd.	lb.	.26 - —
kgs., dlvd.	.lb.	.28 - —
USP, bbls., 250 lbs.	.lb.	.28 - —
kgs., 100 lbs.	.lb.	.30 - —
cns., 25 lbs.	.lb.	.33 - —
Arsenite, USP, solut., cbys., 100 lbs.	.lb.	.11 - —
demj., 50 lbs.	.lb.	.12 - —
Potash, bicarbonate, USP, cryst., bbls., 300 lbs.	.lb.	.18 - —
kgs., 100 lbs.	.lb.	.20 - —
gran., bbls., 250 lbs.	.lb.	.18 - —
kgs., 100 lbs.	.lb.	.20 - —
Bichromate, spot, c.l., works.	lb.	.36¾- —
6 casks or 10 bbls., or over, works.	.lb.	.09 - —
5 casks or 9 bbls., or less, works.	.lb.	.09¼- —
Binoxalate, dms.	.lb.	.23 - —
Bisulphate, kgs.	.lb.	.15½- .18
Bromide, USP., gran., bbls., 500 lbs.	.lb.	.31 - —
fib., dms., 100 lbs.	.lb.	.32 - —
Carbonate, calc., dms., c.l., works.	.lb.	.06½- —
l.c.l., same basis.	.lb.	.06¾- —
hydrated, 83-85%, bbls., c.l., works.	.lb.	.05½- —
l.c.l., same basis.	.lb.	.05¾- —
liquid, dms., c.l., dlvd.	.lb.	.03 - —
l.c.l., dms.	.lb.	.03½- —
tanks, dlvd.	.lb.	.0287½- —
USP, gran., bbls., 325 lbs.	lb.	.14 - —
powd., bbls., 325 lbs.	.lb.	.19 - —
kgs., 100 lbs.	.lb.	.21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works.	.lb.	.07 - —
l.c.l.	.lb.	.07¼- .07½
import, dms.	.lb.	.07 - .07½
liquid, 45% basis, dms.	.lb.	.03½- .03¾
tanks	.lb.	.02⅞- —
solid, 88-92%, dom., dms., c.l., works.	.lb.	.06¼- —
l.c.l.	.lb.	.06½- .06¾
import, casks	.lb.	.06¼- .06¾
Chlorate, cryst., kgs.	.lb.	.09¼- .09¾
gran., kgs.	.lb.	.12 - .13
powd., kgs.	.lb.	.08½- .09
Chloride, tech., 98%, cryst., bgs., kgs.	.lb.	.04 - .06
Chromate, kgs.	.lb.	.23 - .28
Citrate, USP, gran., bbls., 250 lbs.	.lb.	.34 - —
kgs., 100 lbs.	.lb.	.35 - —
cns., 50 lbs.	.lb.	.36 - —
cns., 25 lbs.	.lb.	.38 - .39
Cyanide, cns., dms.	.lb.	.55 - .60
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots.	.lb.	1.15 - —
smaller lots.	.lb.	1.30 - —
cns., 25 lbs.	.lb.	1.40 - —
Guaiacolsulphonate, fib., dms., 100 lbs.	.lb.	1.65 - —
cns., 25 lbs.	.lb.	1.75 - —
Hydroxide, USP, sticks, cns., 110 lbs.	.lb.	.30 - —
Hypophosphite, cns., 100 lbs.	lb.	.72 - —
25 to 50 lbs.	.lb.	.75 - —
Iodate, bbls., bots., 5 lbs.	.lb.	3.17 - —
cns., 25 lbs.	.lb.	3.05 - —
Iodide, bbls., 250 lbs.	.lb.	.93 - —
bots., or cns.	.lb.	1.02 - 1.28
dms.	.lb.	.95 - .96
Kainit, 20% K_2O, bulk, c.lf., ports, ton.		12.25 - —
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.l.f. ports, unit-ton.		.58½- —
import, 30%, K_2O, bulk, shipt. unit-ton.		.58½- —
Metabisulphite, kgs.	.lb.	.13 - .15
Muriate, dom., all strengths, min. 50% K_2O bulk., unit-ton.		.53½- —
import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports.	unit-ton.	.53½- —
Potash muriate prices in bags are $2 per ton higher than bulk price.		
Oxalate, pure, cryst., kgs.	.lb.	.30 - .31
tech., bbls.	.lb.	.25 - .26
Nitrate, crude, bgs., Feb.-May shipt., c.l.f. ports.	.ton.	57.50 - —
Perchlorate, kgs., works.	.lb.	.09¼- .11¼
Permanganate, tech., dms.	.lb.	.18½- .19
Prussiate, red, bbls.	.lb.	.32 - .34
Yellow, bbls.	.lb.	.15 - .16
Ricinoleate, tech., bbls.	.lb.	.13 - —
Silicate alkaline, lump, bgs., lb.	.07 - —	
Sulphate, NF, cryst., bbls., 400 lbs.	.lb.	.13 - —
kgs., 100 lbs.	.lb.	.15 - —
powd., bbls., 350 lbs.	.lb.	.14 - —
kgs., 100 lbs.	.lb.	.16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports.	.ton.	38.00 - —
l.c.l.	.lb.	.13¼- —
Xanthate, dms., c.l.	.lb.	.13 - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt.	ton.	25.75 - —
Potash-titanium oxalate, kgs.	.lb.	.35 - .40
Prickly ash bark, bls.	.lb.	.11 - .12
Berries, bls.	.lb.	.15 - .16
Prince's pine herb, bls.	.lb.	.21 - .22
Propane, tanks, G.3	.gal.	.03 - —
Psyllium seed (see Fleaseed).		
Pulsatilla, bls.	.lb.	.17 - .18
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works.	.lb.	.03 - —
less than 3, works.	.lb.	.03½- —
F and 1, bbls., 3 or over, works.	.lb.	.03½- —
less than 3, works.	.lb.	.04 - —
O, O-½, O-¾, and ½, bbls., less than 3, works.	.lb.	.04½- —
3 or over, works.	.lb.	.04 - —
Ital.-grd., bgs., c.l., shipt. ex dock, N.Y.	.ton.	32.85 Nom.
l.c.l., 5-29 tons, ex whse.,	ton.	37.70 - —
1,000-10,000 lbs., ex whse.	.ton.	35.70 - —
2 bgs. to 1,000 lbs., ex whse.	.ton.	40.70 - —
single bgs., ex whse.	ton.	45.70 - —
Pumpkin seed, bgs.	.lb.	.10 - .12
Purple lake (see Red).		
Putty, com'l, dms.	.100 lbs.	2.50 - —
linseed oil, raw, dms.	.100 lbs.	4.00 - —
refined, dms.	.100 lbs.	5.00 - —
standard, dms.	.100 lbs.	3.00 - 3.50
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55 gal. dms. (incl.) frt. alld. E. of Rockies, standard brand.	.gal.	6.40 - 6.75
basis (30 to 1) 3.6% pyrethrins 55 gal. dms., (incl.) frt. alld. E. of Rockies, standard brand.	.gal.	9.60 - 9.95
Pyrethrum, flowers, coarse, grnd. (g.d.p.), Japan, bgs., frt. alld., 15 tons or over.	.lb.	.23¾- —
fine powd. Japan, bbls., ton lots, frt. alld.	.lb.	.25¼- —
Pyridin, denaturing, dms.	.gal.	1.55 - —
refd., 2°, dms.	.lb.	.45 - —
Pyrites, Spanish, bulk, c.l.f. Atl. ports.	unit-ton.	.12-13 Nom.
Pyrocatechin, CP, cryst., works, fib, dms., tins.	.lb.	2.15 - 2.40
resublimed, fib, dms., tins.	.lb.	4.60 - —

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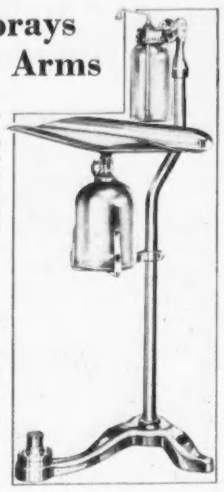
ALCOHOL NEWS

April ★ A Monthly Series of Technical Articles for Chemists and Executives ★ 1938

New Device Sprays Alcohol Over Arms



A new alcohol dispenser which provides a needle-point shower over a surgeon's arms and hands before he operates is rapidly being adopted by leading hospitals, according to the manufacturer of the device.

"A slight pressure of the foot dispenses an abundance of alcohol in a continuous shower spray which passes from a ½-gallon dispensing jar to a large, stainless steel catch pan, thence to a 1-gallon receiving jar," the announcement states. Advantages claimed include: elimination of waste, splashing, and the danger of hands touching pans or containers.

Assigns Curative Action To Vitamin C Mouth Wash

MOSCOW, Russia—Clinical tests indicate that the use of mouth wash fortified with vitamin C (concentrate of dog-rose fruits) has prophylactic and even curative (paradentosis) action, it was claimed in a recent report published here.

Experiments showed, it was pointed out, that with the observance of proper precautions, a product could be made which would retain its potency over several months.

The experimenter stated that pure alcohol, pure glycerol and coloring matter did not affect the stability of the vitamin C. Oxidation, daylight, temperatures of 40 deg. C. and higher, and impure glycerol did, however, cause decomposition. On the other hand, benzyl alcohol and peppermint oil were found to exert a strong preservative action.

Report 95% Alcohol Aid In New Skin Treatment

CHICAGO, Ill.—Subcutaneous injection of small amounts of 95% alcohol elicited tissue changes of value in the treatment of pruritis vulvae and chronic inflammatory lesions of the skin, it was announced here by Dr. W. A. Wilson in a recent issue of the "Journal of the A. M. A."

Explaining why alcohol has this effect, Dr. Wilson points out that it first induces degenerative changes in the subcutaneous nerve fibers, resulting in a cutaneous anesthesia which persists until regeneration occurs.

Secondly and probably more important, he continues, are the changes activated in the vascular and reticulo-endothelial system which result in a rapid mobilization of polymorphnuclear leucocytes and histocytes which act to repair the inflammatory process.

Alcohol In Cooling Mixture

A liquid cooling mixture for preserving perishable foodstuffs by rapid freezing is composed of 20-40% pure glycerine, 20-40% ethyl alcohol and 25-45% water, according to a recent patent. Meats, fruits, fish, etc., are immersed in this mixture, cooled to at least minus 30 deg. C.

Greater Markets for Anhydrous Alcohol Developed During 1937

Uses for 200 Proof Alcohol Ranged From Relief of Cancer Pain to Helping Racing Cars Set New Records

Events moved swiftly in 1937 to emphasize the growing importance of both absolute and anhydrous denatured ethyl alcohol as aids to science and industry. Helping to relieve cancer pain, providing better wave sets for women, improving the stability of drug solutions, raising the quality of artificial leather and lacquers, making possible advanced methods of vitamin manufacture, and as an automobile anti-freeze as well as a fuel for powering racing cars were but a few of the ways in which these products proved their advantages last year.

As the largest manufacturer of 200 proof ethyl alcohol, the U. S. Industrial Alcohol Co. found this evidence on many fronts an indication that there are yet many unexplored applications for this product.

In Separation Processes

One of the most interesting examples of how anhydrous alcohol made possible new advances was in the manufacture of vitamin G, where it was found that the differential solubility of flavin, filtrate factor and anti-pellagric factor in aqueous alcohol and anhydrous alcohol made isolation of the individual components possible—indicating the importance of proper alcohol strength in various seperation processes.

Another advantage for absolute alcohol was seen in its ability to improve the stability of the drug solutions Lobelia inflata, Cinchona, Atropa belladonna, Valeriana officinalis, Convallaria majalis and Cannabis sativa. Investigators reported that absolute alcohol solutions were more stable than aqueous alcohol, both with or without exposure to light.

In the artifical leather, varnish and lacquer fields it has, of course, been known for some time that anhydrous alcohol has outstanding blending features as compared with 190 proof

(Continued on next page)

Leon Pfeifer Retires; U.S.I. Manager 18 Years

NEW ORLEANS, La.—Leon Pfeifer, manager of U.S.I.'s New Orleans division since 1916, retired from active sales work on March 1 under the U.S.I. retirement plan. He will, however, continue to attend to many matters of great importance to the Company.

Leon held numerous responsible positions over a period of 33 years.

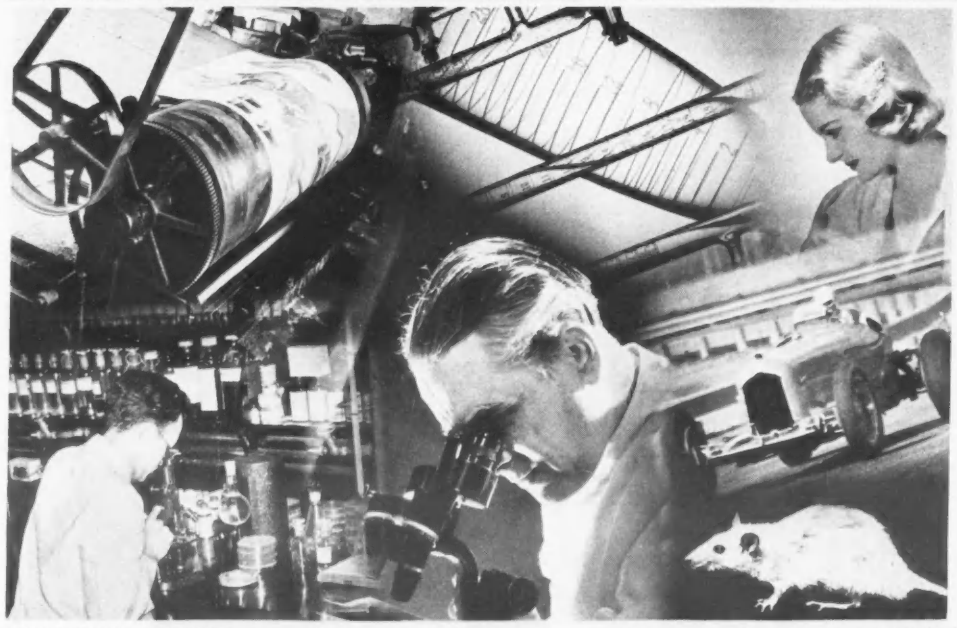
Leon Pfeifer

He served as secretary and treasurer of the International Distilling Co. in 1903. Subsequently, he became president of the U. S. Industrial Alcohol Co. of Louisiana. In this post and other ones he carried forward the fight to have industrial alcohol plants enjoy the same privileges granted other industrial units.

In later years he was vice-president of the International Distilling Co. and the Louisiana Distilling Co., then U.S.I. subsidiaries.

J. L. Rivet Succeeds Pfeifer

J. L. Rivet, well known to alcohol buyers in the Southern territory where he has served for many years, was appointed sales manager of the New Orleans division effective March 1st. Mr. Rivet succeeds Leon Pfeifer, retired.



ANHYDROUS ALCOHOL entered many new fields and made important advances in established markets during 1937. Some of the applications in which its special properties were used were: Spirit varnishes, drug solutions, medicine, women's wave sets, fuel and anti-freeze for automobiles, and vitamin manufacture.

ADVERTISEMENT—*This entire page is a paid advertisement*

April ★ **ALCOHOL NEWS** ★ 1938

Kentucky Repeals Non-Beverage Alcohol Tax For Special Licensees

LOUISVILLE, Ky., March 7—Passage of House Bill No. 129 by the state legislature today repealed the $1.04 per gallon state tax levied on purchases of non-beverage alcohol by special licensees in Kentucky.

Special licenses issued by the Distilled Spirits Administrator include (1) Special Non-Beverage Alcohol Vendor's licenses, (2) Special Industrial Alcohol License, and (3) Special Non-Industrial Alcohol License.

Special license fees are $2.00 per year.

Classification (2) authorizes "the holder to purchase alcohol only from the holder of a Distiller's License or special Non-Beverage Alcohol Vendor's License and possess alcohol for use in the manufacture and sale of any of the following products, when they are unfit for beverage purposes, namely:

(a) Denatured alcohol produced, used, and sold pursuant to Act of Congress and regulations promulgated thereunder.
(b) Patent, Proprietary, medicinal, pharmaceutical antiseptic, and toilet preparations.
(c) Flavoring extracts, syrups and food products.
(d) Scientific, chemical, mechanical, and Industrial products."

A Special Non-Industrial Alcohol License for federal tax-free permittees entitles the holder to purchase alcohol in Kentucky only from the holder of a Special Non-Beverage Alcohol Vendor's License and to use same only for non-beverage purposes.

Markets For Anhydrous Alcohol Expand in 1937

(Continued from previous page)

alcohol, especially where shellac or resins must be formulated with nitrocellulose. However, 1937 found more manufacturers investigating the merits of anhydrous Specially Denatured Alcohols 1 and 23-A. Besides these three, any S. D. Alcohol may be secured from U.S.I. in anhydrous form.

Recent experiments also showed that Ansol M*, an anhydrous denatured alcohol solvent, gave natural resin solutions of lower vicosities than any denatured alcohol or alcohol-type solvent studied. Again, in the lacquer field, at least one patent for an emulsion type lacquer employed absolute alcohol to secure a more stable emulsion.

Relieves Cancer Pain

Absolute alcohol also proved its service to relieve human suffering in 1937 as the Journal of the A. M. A. described clinical trials in which injection of absolute alcohol was found to be the most effective method for alleviating pain resulting from carcinoma of cervix. Absolute alcohol, it was explained, is light enough not to mix with the spinal fluid, yet definite in its action on nerve tissue without producing toxic effects.

Out of the various applications developed for absolute alcohol in the drug and cosmetic fields, two in 1937 shared attention. Use of water-free alcohol in the preparation of karaya gum concentrates for wave sets has the effect of lengthening their shelf life because the absence of swelling of the gum (from water) makes dispersion at any time easy, it was stressed by the chemist for a leading gum importer.

Good success has also been obtained with absolute alcohol and ether as solvents for balsam of tolu and gum benzoin employed for pill varnishes.

The growing importance of beta keto compounds and the production of a number of esters are also making for greater consumption of anhydrous alcohol by the chemical industry. Increased reaction speeds and higher yields continue to dictate the use of the water-free product in synthesis.

Widespread use of higher proof, quality type anti-freeze and the adoption of alcohol-gasoline blends for automobile racing in this country provided another exciting chapter in the 1937 record for anhydrous alcohol. Alcohol fuel blends emerged with outstanding performances under grueling conditions at the famous Roosevelt Raceway on Long Island.

U.S.I. welcomes the opportunity to give more detailed information regarding a particular application for 200 proof alcohol.

*Trade Mark registered in this country.

Artificial Perspiration Used In Tests on Silk

Artifical perspiration may be made on the following formula, according to a recent issue of "Silk and Rayon":

	Grams per liter
Sodium chloride	3.5
Potassium chloride	0.5
Ammonium chloride	1.5
Urea	2.5
Glucose	0.15
Lactic acid	3.0 ml.
Hydrochloric acid (2N)	5.0 ml.

This formula (pH 5.0) was used in a recent study of the effect of perspiration on delustered silk hose.

Study Shaving Factors; Advise Alcohol Lotions

Use of an antiseptic lotion of either 50 or 70% alcohol strength is recommended in a recent study of all the factors involved in shaving.

Relative merits of both lather and latherless creams are also discussed in the study which outlines the causes of unsatisfactory shaving and suggests how to avoid them.

TECHNICAL DEVELOPMENTS

Further information on these items may be obtained by writing to U.S.I.

Complete masking of formaldehyde odors is claimed for nine new perfume specialties. Each odor type is a complex mixture of pure essential oils and aromatic chemicals, ready for instant use, in the proportion of one-half ounce to a gallon of 40 per cent formaldehyde, the manufacturer states. **(No. 80a)**

U S I

A new adhesive in paste form, said to bond paper to water-proofed fabrics, is now available. It will also make labels adhere to cans and paper to waxed surfaces, according to the manufacturer. **(No. 81a)**

U S I

A neutral wedge photometer for use in precise determination of micro and macro quantities of many organic substances, in drugs, insecticides and other products has been placed on the market. It is reported similar to the apparatus developed in the laboratories of the Food and Drug Administration and in some cases said to be sensitive to as little as ten billionths of a gram. **(No. 82a)**

U S I

Mildew-proof mill white paint said to contain a non-yellowing fungicide which kills the parasitic spores yet does not affect the brushing or smoothness of the finished film, was announced recently. According to the manufacturers, the paint is particularly suited to plants operating under high temperatures and humidity. **(No. 83a)**

U S I

Perfumed shower baths with softened water can now be secured by inserting a special fitting in the water line, according to a recent announcement. Tablets with three different fragrances are available for use in the fitting, it is said. **(No. 84a)**

U S I

A new paint deodorant is described as a "compound of pure aromatic chemicals and essential oils which imparts a definite and permanent odor-neutralizing effect." It is said to dissolve readily in all paint mixtures in the recommended proportions of one pound of deodorant to 2,800 pounds of the average paint mixture. **(No. 85a)**

U S I

An automatic two-stream filling machine for cold cream, salve and other semi-liquids will fill up to 150 containers per minute without drip or waste, according to the manufacturer. The machine is described as having a variable speed drive with hand-wheel control, range shift, speed indicator and automatic safety stop. **(No. 86a)**

U S I

A new detergent, wetting and dispersing agent, said to be particularly effective where resistance to formation of insoluble soaps or stability to acid or alkali is a requisite, has been introduced. As little as 0.2% dissolved in water and shaken will form considerable quantities of foam or suds, the manufacturer states. **(No. 87a)**

U S I

Sterlized adhesive tape is now available following the development of new adhesive compounds which make it possible for live steam at a temperature of 240 deg. F. to be used on the tape, a recent announcement states. **(No. 88a)**

Ethyl alcohol can be used in a rapid determination of the moisture content of soils containing up to eleven per cent organic mater, according to **Soil Science.** After extracting the water with alcohol, the remaining alcohol is burned (drying the soil at the same time), the article states. Moisture of sands can be determined in 5-10 minutes and clays within 35 minutes.

U.S. INDUSTRIAL ALCOHOL CO.

WORLD'S LARGEST PRODUCERS OF INDUSTRIAL ALCOHOL

ETHYL ALCOHOL

SPECIALLY DENATURED-*All Formulas* • COMPLETELY DENATURED-*All Formulas* • ANHYDROUS-*Denatured* • ABSOLUTE-*Pure*

SOLOX-*The General Solvent* • U. S. I. DENATURED ALCOHOL • SUPER PYRO *Anti-Freeze*

PURE (190 PROOF) TAX PAID—TAX FREE

U. S. I.—U. S. P.-*Ethyl* • WEBB'S-*Ethyl*

Executive Offices: 60 East 42nd Street, New York, N. Y. Branches in all Principal Cities.

Pyroxylin, scrap, amber, cs., works..lb. .15 - —
black, cs., works.....lb. .10 - —
China white, ivory, cs., works..lb. .16 - —
dense white, cs., works..lb. .12 - —
gray, cs., works.....lb. .10 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
shell-demi, cs., works....lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works...lb. .20 - —
colors, cs., works....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works.lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia, chips, bls.....lb. .05 - .06
Quebracho extract, liquid, 35% tan., bbls., works..lb. .02¾- —
tanks, works.....lb. .02½- —
solid, 63%, bgs., c.l., ex dock, plus duty..lb. .04 - —
clarified, 64%, bgs., c.l., same basis..lb. .04¼- —
Queen of the meadow leaves, bgs..lb. .07 - .09
Root, bgs.....lb. .09 - .10
Quercitron, extract, liquid, 51°, bbls..lb. .07½- .08½
solid, dms.....lb. .10 - .15½
Quicksilver, dom., flasks (76 lbs. net), dlvd., N.Y..flask.71.00- .72.00
Quince seed, bgs.....lb. .85 - 1.50
Quinidine, cryst., small cns...oz. .96 - —
large, cns.....oz. .98 - —
powd., precip., cans.....oz. .91 - —
Sulphate, cns.....oz. .97 - —
Quinine, 100 ozs., cns.....oz. .74 - —
Acetate, cns.....oz. .98 - —
Arsenate, cns.....oz. .98 - —
Arsenite, cns.....oz. 1.00 - —
Bisulphate, cns.....oz. .53 - —
Citrate, cns.....oz. .71 - —
Dihydrobromide, bots.....oz. .74 - —
Dihydrochloride, bots.....oz. .74 - —
Ethylcarbonate, cns.....oz. .74 - —
Ferrocyanide, cns.....oz. 1.00 - —
Formate, cns.....oz. .93 - —
Glycerophosphate, cns.....oz. 1.13 - —
Hydrochloride, cns.....oz. .66½- —
Hydrochlorosulphate, cns....oz. .74 - —
Hydroiodide, cns.....oz. .98 - —
Hypophosphite, cns.....oz. .98 - —
Phosphate, cns.....oz. .81 - —
Salicylate, cns.....oz. .72 - —
Sulphate, USP X, cns.....oz. .53 - —
USP XI, cns.....oz. .59½- —
Sulphocarbolate, cans.....oz. .96 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .96 - —
Valerate, cns.....oz. .92 - —
Quinine-urea hydrochloride cns.oz. .74 - —

R

R salt, bbls.....lb. .52 - .55
Rapeseed, Belgian, bgs.....lb. .06½- .07
Dutch, bgs.....lb. .06¾- .07
Japanese, bgs.....lb. .06 - .06½
Raspberries, dried, bbls.....lb. .55 - .60
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90

Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Amaranth (see Red, maroon, lake)
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
light shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
maroon shade, bbls., ton lots, same basis..lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
medium shade, bbls., ton lots, same basis..lb. .80 - —
small lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
selenide, bbls., dark, works.lb. 2.50 - —
light, works.....lb. 2.25 - —
Orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40 1-lb. cns., 500 lbs. lb. 4.15 - —
dms., 500 lb. lots.....lb. 4.00 - —
100 lb. lots.....lb. 4.10 - —
Crocus martis (see Red, purple oxide).
Eosin toner, blue shade, bbls., lb. 1.55 - —
yellow shade, bbls.....lb. 1.40 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .08¾- —
80%-85%, bbls., same basis..lb. .07¼- —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis, alizarin lake, contrs..lb. .75 - —
open order.....lb. .80 - —
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .20
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.35 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts. lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom.... bbls..lb. 1.17 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08¼- —
l.c.l., works.....lb. .09¼- —
Red, oxide, reduced, 65% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y. lb. .08¼- —
50% copperas oxide, bbls., same basis..lb. .07¾- —
Para toner, concent. kegs, same basis alizarin lake, contracts..lb. .75 - —
open order.....lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04½- .04¾
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phosphotungstic rhodamine Y, kgs..lb. 4.15 - —
Purple lake, kegs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide, bbls., dlvd...lb. .03¾ Nom.
Toluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500 lb. 1.45 - —
smaller lots .....lb. 1.46 - 1.54

Red dyes are listed under Dyes.
Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 1.42 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .09 - .10
Rhodinal, bots.....lb. 5.75 -15.00
Rhubarb root, cs.....lb. .45 - .48
powd., bbls., kgs.....lb. .50 - .53
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .17 - —
smaller lots.....lb. .17½- —
powd., bbls., 5,000 lbs., 1 shipm't..lb. .16 - —
smaller lots.....lb. .16½- —
Rose flowers, pale, bls.....lb. .30 - .31
Red, bls.....lb. 2.25 - 2.30
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls.....lb .05 - .06
Rosin, gum, B, bbls, ex dock, 280 lbs. 4.75 - —
D, bbls.....280 lbs. 4.95 - —
E, bbls.....280 lbs. 5.05 - —
F, bbls.....280 lbs. 6.00 - —
G, bbls.....280 lbs. 6.05 - —
H, bbls.....280 lbs. 6.05 - —
I, bbls.....280 lbs. 6.05 - —
K, bbls.....280 lbs. 6.05 - —
M, bbls.....280 lbs. 6.10 - —
N, bbls.....280 lbs. 6.50 - —
W. G., bbls.....280 lbs. 7.25 - —
W. W., bbls.....280 lbs. 7.75 - —
X, bbls.....280 lbs. 7.75 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
Import., lump., bbls.....lb. .12 - —
powd., bbls. .....lb. .08½- .10
Rue, bls. .....lb. .21 - .25

S

Sabadilla seed, powd., bbls....lb. .19 - .20
Saccharin, dms., 100 lbs.....lb. 1.70 - —
cns., 25 lbs.....lb. 1.73 - 2.05
Safflower, bls.....lb. .25 - .26
Saffron, Mexican, bls.....lb. .38 - .40
Spanish, tins.....lb.23.00 -24.00
Safrol, cns.....lb. .52 - .53
dms. .....lb. .50 - .51
Sage, Dalmatian, stemless.....lb. .05¾- .06
garden, bls.....lb. .06½- .06½
Sago flour, bgs.....lb. .02½- .03¼
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs.....lb. 4.75 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.12.80 -13.20
l.c.l., bgs., dlvd., N. Y..ton.15.00 -15.60
vacuum, common, fine, bgs., c.l., dlvd., N. Y..ton.15.30 -15.70
l.c.l., dlvd., N. Y.....ton.16.50 -17.00
Saltcake, grd., dom., bbls., works, ton.19.00 -25.00
bulk, works.....ton.15.00 - —
import, bulk, c.i.f.....ton.15.00 -16.00
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons.....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65
gran., bbls., 10-20 tons.100 lbs. 6.50 - —
1-9 tons.....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons.....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....lb.21.00 -22.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots., 5 lbs.....lb. 1.65 - —
cns., 25 lbs.....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .42 - .43
Mexican, bls.....lb. .16 - .18
Sassafras, bark, ord., bls.....lb. .13 - .15
select, bls. .....lb. .18 - .20
Savory, bbls.....lb. .07 - .07½
Saw palmetto berries, bgs.....lb. .06 - .08
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .12¾- —
smaller lots.....lb. .13¾- —
kegs, 5,000 lbs., 1 shipm't..lb. .13¾- —
smaller lots.....lb. .14¼- —
Senega root, bls.....lb. .70 - .75
Senna leaves, Alexandria, bls.lb. .10 - .14
Tinnevelly, No. 1, bls.....lb. .09 - .10
2 bls.....lb. .07 - .08
3, bls.....lb. .05 - .06
powd., bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .10 - .11
Pods, bls.....lb. .05½- .06
Serpentaria root, bls.....lb. 1.00 - 1.05
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .16½- .17
dlvd. Boston.....lb. .17 - .17½
Chicago .....lb. .17½- .18
Pacific Coast.....lb. .19½- .20
refd., bbls., f.o.b. N. Y.....lb. .23 - .24
dlvd. Boston.....lb. .23½- .24½
Chicago .....lb. .24 - .25
Pacific Coast.....lb. .26 - .27
Garnet, bgs.....lb. .13½- .14
Orange, D.C., VSO., Diamond, cases..lb. .20 - .21
superfine, bgs., f.o.b. Bost., N.Y..lb. .11½- .12
dlvd. Chicago.....lb. .12 - .12½
Pacific Coast.....lb. .15 - .16
Shellac, T. N., bgs., f.o.b. Bost., lb.. .11 - .11½
dlvd. Chicago.....lb. .11½- .12
Pacific Coast.....lb. .14 - .14½
Shellac varnish, orange, 5-lb. cut, bbls...lb. .85 - .95
4½-lb. cut, bbls.....gal. .80 - .90
4-lb. cut, bbls.....gal. .75 - .85
white, 5-lb. cut, bbls.....gal. 1.00 - 1.10
4½-lb. cut, bbls.....gal. .95 - 1.05
4-lb. cut, bbls.....gal. .90 - 1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l., works.ton.17.00 - —
l.c.l., 2½ tons..works.ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., 2½ tons, works..ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons, works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
96-98%, 3.25 mesh., bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works..ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver bullion.....oz. .44¾- —
Govt. purchase.....oz. .6464- —
Nitrate, vis.....oz. .31½- .33½
Nucleinate, bots., cns., 480 ozs., oz. .30 - .31
Proteinate, bots., cns., 480 ozs., oz. .29 - .30
Simaruba bark, bls.....lb. .27 - .28
Skatol, bots.....lb.75.00 -80.00
Skullcap, Eastern, bls.....lb. .30 - .35
Western, bls.....lb. .18 - .20
Skunk cabbage root, bls.....lb. .28 - .29
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .09 - .10
Smalt, black, extra velvet, ctns. lb. .05 - .08
Blue, cts.....lb. .07 - .08½
Snakeroot, Canad., bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .09 - .10
powd., bbls.....lb. .12 - .13
Soda, abietate, dms.....lb. .13 - —
Acetate, anhyd., dms., dlvd. .08¼- —
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd. ....lb. .04½- .05
Alginate, dms.....lb. .69 - —
Antimoniate, bbls.....lb. .12¾- .13¼
Arsenate, dms., dealers, c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .09½
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .13
l.c.l., dms., works.....lb. .09½- .13½
liquid, dms., works.....gal. .30 - .33
powd., bbls.....lb. .13 - .14

Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.33 - —
4 .....100 lbs. 2.93 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l.... 100 lbs. 1.08 - —
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l.....100 lbs. 1.45 - —
2 .....100 lbs. 2.60 - —
3 .....100 lbs. 2.85 - —
4 .....100 lbs. 3.25 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .44 - —
USP, bbls., 4,000 or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms, 4,000 lbs., or more..lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.25 - —
powd., bbls., c.l., works.. 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y....100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N. Y....100 lbs. 2.76 - —
Bichromate, spot, c.l., works lb. .06¾- —
3 cks. or 10 bbls. or over, works..lb. .07 - —
5 cks. or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .12½- .15
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.25 - 3.35
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works.100 lbs. 1.55 - —
38 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works.. 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —

Soda, bromide, USP, gran, bbls., 500 lbs..lb. .81 - —
fiber dms., 100 lbs.....lb. .83 - —
Cacodylate, bots., 5 lbs.....lb. 5.81 - —
jars, 25 lbs.....lb. 5.50 - —
Carbonate (see Soda ash, soda monohydrated, soda...
Caustic, flake, 70%, 1, gr., powd., ammon. process, bbls., c.l., works..100 lbs. 2.70 - —
dms., c.l., works...100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.53 - 4.90
2 .....100 lbs. 3.70 - 5.08
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, dms., c.l., works..100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, works..100 lbs. 1.95 - —
seller's tanks, works, 100 lbs. 1.97½- —
70%, buyer's tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., same zone prices as ammonia process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same,
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .07½
Citrate, U.S.P., VIII, gran., bbls..225 lbs. .20 - —
cns., 50 lbs.....lb. .22 - —
25 lbs.....lb. .24 - .25
kgs., 100 lbs.....lb. .21 - —
USP X, gran., bbls., 250 lbs. lb. .26½- —
cns., 50 lbs.....lb. .28½- —
25 lbs.....lb. .30½- .31½
kgs., 100 lbs.....lb. .27 - —
powd., bbls., 250 lbs.....lb. .27 - —
cns., 50 lbs.....lb. .29 - —
25 lbs.....lb. .31 - .32
kgs., 100 lbs.....lb. .28 - —
Cyanide, 96-98%, dom., dms..lb. .16½- .17½
Import., cs.....lb. .15 - .16
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
95%, bbls., c.l., same basis, lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08- —
5-9 same basis.....lb. .08½- —
1-4, same basis.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000-lb. lots. lb. 1.05 - —
smaller lots.....lb. 1.20 - —
cns., 25 lbs.....lb. 1.45 - —
Hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP., sticks, cns., 160 lbs..lb. .23 - .24
Hypophosphite, N.F., cns.... 100 lbs..lb. .67 - —
Hyposulphite, cryst., large, bgs, c.l., wks, frt. equal'd, 100 lb. 2.25 - —
bbls., same basis..100 lbs. 2.45 - —
l.c.l., bgs., wks, frt. equal'd 100 lbs. 2.50 - —
bbls., same basis..100 lbs. 2.70 - —
100 lbs. 2.40 - 2.60
pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
dms., works.....100 lbs. 3.10 - —
5,000 lbs., and over, bgs., wks..100 lbs. 2.75 - 2.90
bbls., wks.....100 lbs. 2.95 - 3.10
dms., wks.....100 lbs. 3.25 - 3.40
2,500 to 5,000 lbs., bgs., wks..100 lbs. 2.85 - 3.10
bbls., wks.....100 lbs. 3.05 - 3.30
dms., wks.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., bgs., wks, 100 lbs. 3.10 - 3.35
bbls., wks.....100 lbs. 3.30 - 3.55
dms., wks.....100 lbs. 3.60 - 3.80
less than 500 lbs., bgs., wks, 100 lbs. 3.70 - 3.95
bbls., wks.....100 lbs. 3.90 - 4.15
dms., wks.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 1.90 - 1.95
Mandelate, bots., 5 lbs.....lb. 3.30 - —
jars, 25 lbs. .....lb. 3.20 - —
Metanilate, kgs.....lb. .41 Nom.
Metasilicate, anhy., chip, bgs., dms., c.l., works..... 100 lbs. 3.00 - —
l.c.l., works.....100 lbs. 3.25 - —
ground, dms., c.l., works.. 100 lbs. 3.15 - —
l.c.l., works.....100 lbs. 3.40 - —
cryst., dms., c.l.....100 lbs. 2.90 - —
gran., bbls., c.l., works.100 lbs. 2.20 - —
Molybdate, kgs., wks.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthionate, bbls.....lb. .52 - .54
Nitrate, crude, c.l., 100-lb. bgs., Apr.-June delivery, f.o.b. cars producing point or ports, rail or boat shipment..ton.29.00 - —
200-lb. bgs., same basis... ton.28.30 - —
bulk, same basis.....ton.27.00 - —
refd., gran., bbls., 10 tons.. 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
powd., bbls., ton lots.100 lbs. 5.65 - —
smaller lots.....100 lbs. 5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized..lb. .06¾- —
c.l., West Coast, f.o.b. f.o.b. ports..lb. .08 - —
l.c.l. .....lb. .08¾- .11¼

Soda nitrite l.c.l. price range represents delivery at various points.

Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .11 - —
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l works.....lb. .15¾- —
Phosphate, dibasic, tech., bgs., c.l., works.100 lbs. 1.85 - —
c.l., works..100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.40 - —

Soda, Phos.—Tankage

Soda, phosphate, monobasic, anhyd., bbls., c.l...100 lbs. 7.45 - —
l.c.l. .....100 lbs. 8.20 - —
tribasic, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.40 - —
bbls., c.l., works...100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.60 - —
kgs., c.l., works....100 lbs. 2.70 - —
l.c.l., works.....100 lbs. 3.10 - —
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works, lb. .09½- .10
Pyrophosphate, anhyd., c.l. bgs. 100 lbs. 8.00 - —
bbls. .....100 lbs. 8.20 - —
l.c.l., bgs.....100 lbs. 8.80 - 9.05
bbls. .....100 lbs. 9.00 - 9.25
crystals, bgs.....100 lbs. 7.80 - —
bbls. .....100 lbs. 8.00 - —
l.c.l., bgs.....100 lbs. 8.30 - 8.55
bbls. .....100 lbs. 8.50 - 8.75
Soda pyrophosphate anhydrous and crystal prices are delvd.—Me., N. H., Vt., Mass., Conn., N. J., N. Y., R. I., Del., Md., D. of C., and Pa., east of Altoona. Other territory, f.o.b. works, for equalized with producing points.
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y...100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .52 - —
Sesquisilicate, dms., c.l., works. 100 lbs. 3.00 - —
20 dms. and up, dlvd.N.Y.C. 100 lbs. 2.65 - —
5-19 dms.....100 lbs. 4.10 - —
1-4 dms.....100 lbs. 4.30 - —
Soda, silicate, 40° turbid., dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works.. 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52°, dms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works.. 100 lbs. 1.65 - —
1-4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. .05¾- .06
import., bbls. .....lb. .05 - .06¼
Stannate, dms. .....lb. .26½- .29½
Stearate, lump, powd., bbls., works..lb. .24 - —
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works..... 100 lbs. 1.70 - 1.90
less than 5 tons, works... 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd.. 100 lbs. 3.00 - —
solid, bbls., c.l., works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - —
less than 5 tons, dlvd. 100 lbs. 3.75 - —
Sulphite, cryst., bgs., works.. 100 lbs. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. 2.00 - 2.10
tech., kgs.....lb. 1.30 - 1.35
Solvent naphtha, high-flash, dms., works, frt. equald..gal. .36 - —
tanks, same basis.....gal. .31 - —
water-white, dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld..gal. .30 - —
W. of Omaha, works.gal. .30 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .18 - —
l.c.l. .....lb. .19- —
Sparteine sulphate, cns.....oz. 1.00 - 1.05
Spearmint leaves, bls.....lb. .19 - .20
Spikenard root, bls.....lb. .12 - .13
Spruce extract, bbls., works...lb. .01⅝- —
tanks, works.....lb. .01⅛- —
powd., bgs.....lb. .04 - —
super, bbls., works.....lb. .01⅞- —
tanks, works.....lb. .01⅝- —
Squawvine leaves, bls.....lb. .16 - .17
Squill red, bls.....lb. .14 - .15
White, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .45 - .50
St. John's bread, bls.....lb. .06½- .07
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 2.60 - 2.80
powd., bgs., f.o.b. Chicago, 100 lbs. 2.70 - 2.90
Potato, dom., bgs.....lb. .04 - .05
import, bgs.....lb. .05 - .06
Rice, bbls.....lb. .06¼- .07¼
Wheat, thick boil, bbls.....lb. .06¾ Nom.
Staveacre seed, bgs.....lb. .17 - .18
Stearin, oleo, bbls.....lb. .06¾ - .07
Stillingia root, bls.....lb. .09 - .10
Stoneroot, bls.....lb. .07½- .08
Storax, cs.....lb. .48 - .49
Stramonium leaves, bls.....lb. .10¼- .12
Seed, bgs.....lb. .09 - .10
Strontium bromide, fib, dms..lb. .57 - .58
kgs., 150 lbs .....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
Strontium chloride, bbls.....lb. .13½- —
Iodide, jars, 25 lbs.....lb. 2.70 - —
bots., 5 lbs.....lb. 2.75 - —
Nitrate, dom., bbls., c.l., works..lb. .06¼- —
25 bbls. and over.....lb. .06¾- —
1-4 bbls. and over.....lb. .09¼- —
import, bbls.....lb. .06¼- .09¼
Strophanthus seed, Kombe, bgs.lb. 1.20 - 1.25
Strychnine, cryst., cns., 100-oz. lots..oz. .39 - —
powd., cns., 100-oz. lots...oz. .29 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .57 - —
Arsenate, 25-oz. cns., 100-oz. lots..oz. .60 - —
Arsenite, 25-oz. cns., 100-oz. lots..oz. .57 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .59 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .57 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .68 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .50 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .59 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .35 - —
powd., cns., 100-oz. lots, oz. .25 - —
Styralyl acetate, bots.....lb. 6.75 - 7.00
Sucrose octa-acetate, denat., grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .70 - 1.10
Milk., bbls., c.l.....lb. .15 - —
l.c.l., 10 sr over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb. bots.....lb. 2.20 - —
fib., dms., 1,000 lbs., 1 delivery, lb. 1.25 - —
100 lbs.....lb. 1.30 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulhpur, crude, bulk, 1,000 tons, mines, contracts, long ton.18.00 - —
c.l., spot, nearby, long ton.21.00 - —
Sulphur, crude, bulk, ex vessel, Balto., N. Y., Phila., Southern ports..long tons.22.00 -25.00
Bost., Portland..long ton.22.50 -25.50
flowers, bgs., c.l., works.100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.25 - —
l.c.l., bgs., works...100 lbs. 3.25 - 3.75
bbls., wks.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works, 100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works..100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works, 100 lbs. 1.65 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.60 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 - —
bbls., works....100 lbs. 3.20 - —
heavy, bgs, c.l., works.100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works..100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works..... 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works..100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.30 - —
l.c.l., bbls., works.100 lbs. 2.15 - —
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
Chloride, 55-gal. dms., c.l....lb. .03 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .10 - .40
multi-unit cars, works..lb. .07½- .10
Iodide bots., jars.....lb. 3.80 - 3.85
Sumac, grd., Sicilian, bls....ton.64.00 - —
leaf, bales.....ton.67.00 - —
Extract, 42°, bbls.....lb. .05¼- .06¼
51°, bbls.....lb. .06½- .08½
stainless, bbls.....lb. .06½- .08½
Sunflower seed, Calif., large, bgs., lb. .06 - .06¼
medium, bgs. .....lb. .04½- .05
poultry, bgs.....lb. .03½- .04
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.50 - —
run-of-pile, basis 16%, bulk, same basis..ton. 8.00 - —
triple, 44-45%, a.p.a. bulk, f.o.b. Balto..unit-ton. .75 Nom.

T

Talc., dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N. Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills. ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
96-98%, 325 mesh, bgs., c.l., mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
96-99½%, 325 mesh, bgs., c.l., mills..ton.15.25- —
l.c.l., mills.....ton.17.25 - —
99.85-99.95%, 325 mesh, bgs., c.l., mills...ton.17.00 - —
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, alum-magn. type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.00 - —
Vermont, bgs., c.l., mills. ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills...ton.11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls...lb. .06¼ Nom.
extra, loose, works.....lb. .05¼- —
special, loose, works.....lb. .04⅝- —
sulphonated 35% (24% fat), dms., c.l..lb. .03 - .05½
l.c.l .....lb. .06 - .06½
50% (43% fat) dms., c.l..lb. .07 - .07½
l.c.l. .....lb. .08 - .08½
50% (48% fat), dms., c.l..lb. .07½- .08
l.c.l. .....lb. .08½- .09
Tamarinds, W. I., bbls.....lb. .06 - .06½
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12%, ammon., 15-20% b.p.l., bulk..unit-ton. 2.75 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk. ... unit-ton. 2.70 & .10
fertilizer grade, 10-11% ammon., 16% b.p.l., bulk, Chicago..unit-ton. 2.50 & .10

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Tankage, animal, dom., high-grade feeding, bulk, Chicago..unit-ton. 2.75 & .10
import., S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports ship. unit-ton. 3.00 & .10
Tansy leaves, bls.....lb. .18 - .19
Tapioca, flour, bgs.....lb. .02 - .05½
Tar acid oil, 15%, dms., c.l., works..gal. .22½- —
l.c.l., same basis.....gal. .25½- —
25% dms., c.l., works....gal. .26½- —
l.c.l., same basis.....gal. .29½- —
Pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd., ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .20¾- —
less than 5.....lb. .27 - —
powd., bbls., 5 or more..lb. .26¾- —
less than 5.....lb. .27 - —
USP, powd., bbls.....lb. .32 - .32½
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .25 - —
dms. .....lb. .23 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms.,works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms.....lb. .09½- —
Tetralin, dms.....lb. .12 - —
Thallium sulphate, 90% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns.....lb. 2.10 - 2.40
Sodiosalicylate, cns.....lb. 1.75 - 1.85
5-lb. bots. .....lb. 2.01 - —
Thiocarbanilide, dms.....lb. .24 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .16½- .17
Thymol, dms., 100 lbs.....lb. 1.50 - —
cns., 25 lbs.....lb. 1.55 - —
Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20
25 lbs.....lb. 3.25 - 3.30
Tin crystals, bbls., kgs.....lb. .32½- .33
Metal, Straits.....lb. .38 - —
Oxide, bbls.....lb. .46 - .48
Tetrachloride, anhyd., bbls..lb. .19½- —
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. alld..lb. .16 - —
Pac, cst., f.o.b. terminals, lb. .16 - —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16½- —
Pac. cst., ex whse...lb. .16½- —
50-999 lbs., E, dlvd.....lb. .16¾- —
Pac. cst., ex whse.....lb. .16¾- —
under 50 lbs., E. dlvd..lb. .19 - —
Pac. cst., ex whse.....lb. .19 - —
bbls., c.l. (20 tons), E. frt. alld..lb. .16¼- —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16¾- —
50-999 lbs., E. dlvd.....lb. .17 - —
phthalate-treated, bgs., c.l., (20 tons) E. frt. alld..lb. .24 - —
Pac. cst., f.o.b. terminal.....lb. .24 - —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .24½- —
Pac. cst., ex whse..lb. .24½- —
50-999 lbs., E. dlvd.....lb. .24¾- —
Pac. cst., ex whse..lb. .24¾- —
under 50 lbs.....lb. .27 - —
bbls., c.l. (20 tons) E. frt. alld..lb. .24¼- —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .24¾- —
50-999 lbs., E. dlvd.....lb. .25 - —
pigment, barium, calcium, or magnesium base, bgs., c.l., E. frt. alld....lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
l.c.l., E. dlvd.....lb. .06¼- —
Pac. cst., ex whse..lb. .06¼- —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., c.l., E., frt. alld...lb. .06¼- —
l.c.l., E. dlvd.....lb. .06¾- —
Tolidin base, kgs.....lb. .88 - .90
distilled, kgs.....lb. .95 - 1.00
Tolu, balsam, cns.....lb. .45 - .50
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
Tonga vine, NF, bls.....lb. .26 - .27
root, bls.....lb. .30 - .31
Tonka beans, Angostura, cks..lb. 2.50 - 2.60
Triacetin, dms.....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .80 - —
Tributylamines, dms., l.c.l., works lb. .70 - —
Trichloroethylene, dms., c.l., works, frt. alld. Zone A..lb. .09 - —
l.c.l., dms. .....lb. .095 - —
Zone B, c.l.....lb. .105 - —
l.c.l., dms.....lb. .110 - —
Zone C, dms., l.c.l.....lb. .105 - —
Zone A is East of the Rockies; B takes in Rocky Mountain States, and Zone C represents Pacific Coast States.
Tricresyl phosphate, CP, cns., dlvd..lb. .42 - .53
dms., c.l., dlvd.....lb. .36 - —
500 lbs., dlvd.....lb. .39 - —
tech., 1, dms., c.l.....lb. .24½- —
500 lbs., dms.....lb. .25 - —
less than 500 lbs., dms.lb. .28 - .39
2, dms., c.l.....lb. .23½- —
500 lbs., dms.....lb. .24 - —
less than 500 lbs.....lb. .27 - .33
Triethanolamine, dms., c.l., works, lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Triphenyl phosphate, dms.....lb. .34 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double-grd., bgs., c.l., works, ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., wks..lb. 2.80 - 3.10
Oxide, CP, kgs.....lb. 2.90 - 3.00
tech., kgs. .....lb. 2.10 - 2.20
Turmeric root, Alleppey, bgs..lb. .05¾- .06¼
Madras, bgs.....lb. .06½- .07
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .28¾- —
l.c.l., 10, ex dock.....gal. .30¾- —
5, ex dock.....gal. .32¾- —
wood, dest.-dist., dms., c.l., dlvd. E. cities, ports...gal. .36 - —
l.c.l., same basis....gal. .38 - —
tanks, dlvd. E. cities..gal. .33 - —
steam-dist., dms., c.l., dlvd.gal. .27 - —
l.c.l., dlvd.....gal. .30 - —
tanks, dlvd.....gal. .22 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt..ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse.101.00 - —
pure, cs. .....lb. .14½- .15¼
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports. NH_3 unit. 1.04 - —
Uva ursi leaves, bls.....lb. .11 - .13

V

Valerian root, bls.....lb. .10 - .11
Valonia, beards, bgs., shipt..ton.49.00 - —
Cups, bgs., shipt.....ton.35.00 -37.00
extract, powdered, 63%.....lb. .06 - —
Vanilla beans, Bourbon, tins..lb. 3.35 - 3.75
Mexican, tins.....lb. 4.25 - 4.50
cut, tins.....lb. 3.35 - 3.75
South American, tins.....lb. 3.60 - 3.75
Vanillin, ex eugenol, 25-lb. tins, lb. 2.75 - —
5-lb. tins .....lb. 2.85 - —
Vanillin, ex guaiacol, 10c. per lb. less.
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .24 - .30
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .48 - .49
Tree bark, bls.....lb. .22 - .23
Wattle bark, bgs., shipt.....ton.39.75 -41.75
Extract, bbls. .....lb. .04½- —
Wax, bayberry, import, bgs...lb. .16⅞- .17
Bees, white, bleach, slabs, cs., 500 lbs. .28 - .30
yellow, crude, Africa, bgs., lots of 10..lb. .24 - .25
1 bg.....lb. .24½- .25½
Brazil, Chile, bgs., 5-10 tons, lb. .25½- .26
1 ton.....lb. .26 - .26½
500 lbs.....lb. .26½- .27
100 lbs.....lb. .27 - .27½
refd., slabs, cs., lbs...lb. .29 - .32
Candelilla, bgs., 1 ton.....lb. .14½- .15
jobbing lots .....lb. .15 - .15½
Carnauba, No. 3, bgs., chalky, 1 ton..lb. .32½- .33
5 bgs .....lb. .33 - .33½
1 bg .....lb. .33½- .34
N. C. 2, bgs.....lb. .35½- .36
N. C. 3, bgs., 1 ton.....lb. .32½- .33
5 bgs. .....lb. .33 - .33½
1 bg .....lb. .33½- .34
refined, bgs. .....lb. .35 - .35½
yellow, No. 1, bgs., 1 ton..lb. .38 - .38½
5 bgs. .....lb. .38½- .39
1 bg. .....lb. .39 - .39½
No. 2, bgs.....lb. .37 - .37½
Ceresin, dom., 138°140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots .....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots .....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots .....lb. .11½- —
Japan, cs.....lb. .10 - .10¼
Montan, bgs., c.l.....lb. .11 - —
5 tons .....lb. .11¼- .11½
less than 1 ton.....lb. .11½- .12
Ozokerite, hard green, congeal p. 66°-68° C., bgs..lb. 62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs. .....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06¼
White precipitate, powd., 5-lb. bots..lb. 1.51 - —
dms., 50 lbs., or more...lb. 1.38 - —
Whiting, chalk, com'l., dry-grd., blp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., blp., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
glider's bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l., ton.. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs, (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works, ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs., (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
Precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06 - .07
thin, natural, bls.....lb. .06 - .07
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 40-60 mesh, bgs., ex dock..ton.20.00 - —
70-80 mesh, bgs., ex dock.ton.22.00 - —
100 mesh, bgs., ex dock...ton.27.00 - —
120 mesh, bgs., ex dock...ton.33.00 - —
Wormseed, American, bgs....lb. .10 - .11
Levant, bgs.....lb. 3.90 - 4.00
Wormwood, bls.....lb. .08 - .09

X

Xylol (xylene), coml., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld., gal. .30 - —
W. of Omaha, works...gal. .30 - —
nitration tanks, E. of Omaha frt. alld..gal. .41 - —
W. of Omaha, works....gal. .41 - —
5°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt., alld., gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....lb. .38 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. of Omaha, works....gal. .33 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.30
Yellow, cadmium, CP, import., bxs..lb. 1.80 - 2.50
lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .45 - —
smaller lots, same basis, lb. .50 - —
kgs., ton lots, same basis, lb. .50 - —
smaller lots, same basis, lb. .55 - —
sulphide, orange, bbls., works, lb. 1.50 - —
Chrome, CP, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .14½- —
open order.....lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ¼c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
Mercury oxide (see M).
Ocher, Amer., golden, A. bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01¼- —
H, bbls., works.....lb. .01⅜- —
French, all shades, cks., c.l., ex dock Balto., Boston, N. Orleans, for import. lb. .02475- —
New York (f.o.b.)..lb. .02¾- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle....lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto., Boston, N. Orleans...lb. .02575- —
New York.....lb. .02½- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle....lb. .03¼- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto., Boston, N. Orleans..lb. .02725- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis. lb. .03¾- —
Mnneapolis .....lb. .03½- —
New York.....lb. .02¾- —
Pittsburgh .....lb. .03¼- —
Portland, Seattle...lb. .03¾- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y., from dock. lb. .02¾- —
from whse.....lb. .02⅞- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y. lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06½ —
l.c.l., works .....lb. .06¾- —
Persian orange (see O).
Zinc, bbls., same basis chrome CP. contracts..lb. .18 - —
open order .....lb. .19 - —
Yellow dock root, bls.....lb. .09 - .10
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .08½- .10
Yohimbine hydrochloride, vis..oz. 2.50 - 2.55

Z

Zinc acetate, tech., bbls., dlvd., lb. .21 - —
USP., bbls., 250 lbs.....lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenate, bgs., cs., c.l., dealers. E. of Rockies..lb. .12½- —
c.l., bgs., cs.....lb. .13 - —
Arsenite, bgs., cs., c.l., dealers. E. of Rockies..lb. .12½- —
W. of Rockies, bgs....lb. .12½- —
l.c.l., bgs., cs.....lb. .13 - —
W. of Rockies, bgs....lb. .12⅝- —
Zinc arsenate and arsenite price are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .14 - .15
USP, precip., powd., bbls..lb. .31 - —
dms. .....lb. .36 - —
kgs. .....lb. .33 - —
Chloride, fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works, 100 lbs. 5.00 - —
l.c.l., dms., works.100 lbs. 5.75 - —
USP., 200 lb. dms.....lb. .25 - —
25 lb. jars.....lb. .31 - —
solut., dms., wks.....lb. .04½- —
tanks .....lb. .0226- —

Tankage—Zirconium

Zinc, cyanide, kgs., works.....lb. .36 - .38
Dust, bbls., c.l., dlvd.....lb. .0615- —
l.c.l., bbls., dlvd.....lb. .0665- —
Fluoride, bbls.....lb. .20 - .35
Iodide, N.F., bots.....lb. 4.15 - —
jars .....lb. 4.00 - —
Metal (see daily quotations in Market report)
Oxide, pigment, dom., Amer., process, coml., lead-free, bgs., c.l., dlvd..lb. .06¼- .07½
l.c.l., dlvd., except Pac. cst..lb. .06¼- .07¾
ex whse., Pac. cst., lb. .06½- .07¾
bbls., c.l., dlvd.....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst..lb. .06¾- .08
leaded, 5%, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cst.lb. .06¾- —
bbls., c.l., dlvd....lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst..lb. .06¼- —
35%, bgs., c.l., dlvd.lb. .05¾- —
l.c.l., dlvd., except Pac. cst..lb. .06 - —
ex whse., Pac. cst.lb. .06 - —
bbls., c.l., dlvd....lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst.lb. .06¼- —
50%, bgs., c.l., dlvd..lb. .05¾- —
l.c.l., dlvd., except Pac. cst..lb. .06 - —
ex whse., Pac. cst.lb. .06 - —
bbls., c.l., dlvd....lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb. .06¼- —
ex whse., Pac. cst.lb. .06¼- —
French process, coml., lead-free, bgs., c.l., dlvd., bbls., c.l., dlvd.....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06½- .07¾
ex whse., Pac. cst.lb. .06½- .07¾
bbls., c.l., dlvd.....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst.lb. .06¾- .08
green heal, bgs., c.l., dlvd., lb. .08 - —
l.c.l., dlvd., except Pac. cst..lb. .08¼- —
ex whse., Pac. cst..lb. .08¼- —
bbls., c.l., dlvd.....lb. .08¼- —
l.c.l., dlvd., except Pac. cst..lb. .08½- —
ex whse., Pac. cst..lb. .08½- —
red seal, bgs., c.l., dlvd., lb. .07½- —
l.c.l., dlvd., except Pac. cst..lb. .07¾- —
ex whse., Pac. cst..lb. .07¾- —
bbls., c.l., dlvd.....lb. .07¾- —
l.c.l., dlvd., except Pac. cst..lb. .08 - —
ex whse., Pac. cst..lb. .08 - —
white seal, bgs., c.l., dlvd., lb. .08½- —
l.c.l., dlvd., except Pac. cst..lb. .08¾- —
ex whse., Pac. cst..lb. .08¾- —
bbls., c.l., dlvd.....lb. .08¾- —
l.c.l., dlvd., except Pac. cst..lb. .09 - —
ex whse., Pac. cst..lb. .09 - —
import., gold seal, cks, ex whse..lb. .13 - .14
green seal, bbls., ex whse., lb. .10 - —
white seal, cks., ex whse., lb. .11 - .12¼
Oxide, USP, bbls., c.l.....lb. .09½- —
Palmitate, bbls.....lb. .23 - .25
Resinate, fused, pale, bbls...lb. .10 - —
precip., dms., dlvd.....lb. .15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb. .20 - —
l.c.l. 1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
less than 1,000 lbs..lb. .23 - —
USP, bbls.....lb. .21 - .23
Sulphate, cryst., bgs., c.l.100 lbs. 3.15 - —
l.c.l. .....100 lbs. 3.90 - —
bbls., c.l.....100 lbs. 3.30 - —
l.c.l. .....100 lbs. 4.05 - —
flake, bgs., c.l.....100 lbs. 3.60 - —
l.c.l. .....100 lbs. 4.35 - —
bbls., c.l.....100 lbs. 3.75 - —
l.c.l. .....100 lbs. 4.50 - —
powd., bgs., c.l.....100 lbs. 5.00 - —
l.c.l. .....100 lbs. 5.75 - —
bbls., c.l.....100 lbs. 5.15 - —
l.c.l. .....lbs. 5.90 - —
Sulphide, bgs., c.l. (20 tons), dlvd..lb. .09 - —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .09¼- —
bbls., c.l. (20 tons), dlvd..lb. .09¼- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .09½- —
Sulphocarbolate, NF, bbls...lb. .24 - .26
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.15 - —
l.c.l., works.....100 lbs. 5.50 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb. .05 - —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex whse., Pac. cst..lb. .05½- —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 73-75%, grd., bbls., works..ton.75.00 -100.00
kgs., small lots, works...lb. .04¼- .04½
white, 98%, rgd., kgs., works, lb. 1.40 - 1.52

Synthetic Resins
and other
Branded Paint Materials
(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the April 4 issue; the next printing will be in the May 2 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish, and Lacquer Materials Market, which begins on page 33.

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Prices and Cost of Living

Business organizations, which should be better informed, are joining price-cutting concerns in condemning legislation designed to prohibit the sale of goods at less than cost as price-fixing devices which will raise the cost of living. It seems to be impossible for some interests to see that selling goods at less than an adequate profit or at less than cost does not lessen the aggregate cost of living.

Of course, if all goods were sold without profit or at a loss, the cost of living would be lower. But, no seller makes loss leaders of more than a relatively small part of the goods he sells—and he makes up the loss on these in the price of others.

That part of the cost of living which is represented by the outlay for commodities of trade has but two basic factors:—(1) The cost of producing the goods, and (2) the cost of distributing them. Neither of these costs is actually larger when the goods are sold at a profit than when they are sold without a profit or at a loss. As the condemnation of stop-loss legislation is directed at distributors' sales policies an analysis of these, the second factor in the goods cost of living, is timely.

If it costs a distributor $50,000 a year to operate his business, he must make a gross profit of at least that much, or he cannot remain in business. His actual costs are fixed; his relative costs will vary inversely with the volume of his business, with certain step-backs as it may become necessary for him to engage more help.

If a distributor's costs of $50,000 are 25 percent of the amount of his total sales, he must make an average profit of 25 percent. It does not matter whether he figures that one department can be operated more cheaply than another, his average for all departments must be sufficient to cover his costs. Whether he sells all his goods at a profit of 25 percent, or, selling some of them at a lesser profit or at a loss, sells the others at a profit larger by enough to make his average 25 percent, he must get $50,000 out of the cost of his customers' living. Variations in his methods of determining his selling prices have nothing at all to do with what he costs as an item in the living expenses of his community. It is not what he charges for this or for that, but what he collects as a whole that counts.

Competition Still Controls

It can be supposed that those who believe—granting the sincerity of their protestations — that the outlawing of loss leaders adds to the cost of living, reason that distributors increase their aggregate profits by the full amount of the difference between their former bargain prices and the statutorily required profitable selling prices. This view disregards the influence of competition.

The distributor who can operate his business, through real efficiency or by other means, at a cost lower than his competitors, has no less an aggregate advantage when he is prohibited from competing unfairly and fooling the public by selling some of his goods at a loss and recouping his loss by overpricing others. He does, of course, lose the advantage that accrues from misleading the public into believing that his prices all are lower than those of his competitors. But, the public is benefited and soon knows this and shows its appreciation.

Competition prevents the solvent distributor from pocketing the profits that succeed the losses on bargain baits; it compels him to make a commensurate reduction of his profits on overpriced goods. Of course, the outlawing of loss leaders does bring a net increase in the profits of the less fortunate distributor who has been forced by loss-leader practices on the part of a competitor to struggle, often futilely, against bankruptcy. The increasing of his profits does not add to the cost of living in his community; for the cost of business failures is a substantial item in the cost of living.

The cost to the public of business failures is not clearly recognized. Usually these misfortunes are looked upon as beneficent because they bring temporary bargains in bankruptcy sales or other forced liquidations. But, somebody must make up the losses caused by business failures, and there is only one person—the consumer—who pays for all costs of maintaining the business service of the community.

Because manufacturers and wholesalers must make provision for bad accounts, they must add a considerable percentage to the prices they get for goods. The greater the number of failures among dealers, the larger must be this percentage, and the more the consumer must pay. Likewise, somewhere in the distribution system must be collected the cost of losses caused by failures of manufacturers and wholesalers, which are largely the result of failures in the retail trade, and again this cost is passed on to the consumer—the ultimate payer.

The stabilization of profits, the assurance of a living for such number of distributors as the social obligations of a community indicate to be proper, does not, without the intervention of greed, which is not absent from conditions of instability, raise the cost of living; it levels it and introduces stabilization in it also.

—O-P-D—

A Bid for Business

One of the greatest stimulants that has been offered for the resumption of business activity is the action of the painters' union in Cleveland, Ohio, in setting a lower scale of wages. This action is as welcome as it is beneficial. High wages have been a handicap to recovery in the building construction field. It is greatly to be desired that the action of the Cleveland painters be followed by similar concessions to today's needs by their fellow-craftsmen in other places and by other groups of construction workers—and by the suppliers of building materials also.

It is probable that the lower wage scale will bring the Cleveland painters a larger income. Certainly even a short season of work at reduced wages will pay them more than no work, or at best much less work, at higher pay. Realization of the probability of improvement in the condition of the painters should be the objective of all those who are able to put painters to work. When workmen manifest an intention to do their part in everybody's job of bettering business, employers should not delay their obvious duty.

Little but theory can be adduced on either side of the question of whether high wages mean less employment. But, practical evidence of the truth of this relationship can be given by furnishing more employment for those who are willing to accept a smaller wage. It is most desirable that employers and employees study the possibilities of revising their respective views of employment and of remuneration with the objective of a sufficient annual income, rather than that of a high wage unit that is the result of, or results in—a fundamental question is here involved—occasional or short-season rather than continuous or longer-period employment.

Painting is a seasonal occupation; but not so limited in time over the year as it is usually regarded. There are times during the year when outside painting cannot be satisfactorily done; but interior work can be done during these periods; and a better distribution of the two classes of work would be helpful to employing painters, to journeymen painters, and to those having painting done. This improved distribution of painting work is facilitated by the acceptance of a lower wage scale.

Doubtless the Cleveland painters expect to get more work as a result of their wage concession. Wisdom indicates that they should not be disappointed. There is much painting to be done in many sections of the country other than the Cleveland area. It is not illogical to believe that, if the doing of the painting needed there is stimulated as it should be by the wage-reducing action of the Cleveland painters, similar inducement will be offered in other sections and with similar revivification of the painting business.

Employer and employee alike must share in the lowering of costs which is essential to the stimulation of business. It is not to be required that either shall be deprived of just compensation for his services. But, for both, this is one time when volume will return more than can be got by sticking for a high unit price.

We Are Moving

The building at 12 Gold street, wherein the editorial and business offices of the Oil, Paint and Drug Reporter have been located since 1925, is to be remodeled for occupancy by a new owner. The Reporter is, therefore, obliged to move to other quarters.

We are just going around the corner — to 59 John street, corner of William — and shall not leave the neighborhood in which we have lived since our birth in 1871.

We shall have more room in our new home, which we shall be occupying from April 18, and we shall be pleased to make proper use of it in receiving our readers in search of information or on visiting bent.

MANUFACTURING CHEMISTS SINCE 1849

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Commercial Solvents Corp. Promotes Bacigalupi

E. W. Bacigalupi has been appointed manager of the Western sales division for the Commercial Solvents Corporation. Mr. Bacigalupi has been identified

E. W. Bacigalupi

with the solvents and alcohol trade for ten years.

The Commercial Solvents Corporation was organized in 1919. The company has plants in Terre Haute, Ind., Peoria, Ill., Harvey, and Westvago, La., and in Agnew, Cal. The company produces denatured alcohol and a wide variety of industrial chemicals derived from butyl alcohol, acetone, and methanol. Domestic products are distributed through warehouses and sales offices located in stragetic points throughout the country. Foreign affiliate in England distributes products through the Barter Trading Corporation, Ltd., its sole selling agent.

American Chemical Society Meeting in Dallas April 18

—*Continued from page* 5

Sulphur will have a large part among the topics of industrial interest to be presented to the division of industrial and engineering chemistry, in two sessions, April 20 in room 101 of the First Baptist Church annex, in accordance with the following program:—

G. Leon Bridger, "Phenols from Cornstalk Alkali Lignin."

T. S. Carswell and H. K. Nason, "The Properties and Uses of Pentachlorophenol."

Lawrence W. Bass, "The Functions of the Control Laboratory."

Kenneth H. Hoover and Frank E. Dolian, "The Technique of Antifreeze Testing."

H. T. Quigg, William C. Moyer, and R. L. Huntington, "The Condensation of Steam—Effect of Tube Position."

John B. Entrikin, "An Experience in Descaling Steam Turbines."

D. B. Mason, "The History and Development of the Sulphur Industry."

C. E. Butterworth and J. W. Schwab, "Sulphur Mining as a Processing Industry."

D. T. McIver, J. B. Chatelain, and B. A. Axelrad, "The Reclamation and Treatment of Bleed Water for Reuse in Sulphur Mining."

Isaac Bencowitz, "Casting Sulphur Pipe."

Martin E. Cupery, "Sulphamic Acid—A New Industrial Chemical."

The division of petroleum chemistry will hold forenoon and afternoon sessions April 19 in room 501 of the First Baptist Church annex, and has nine papers scheduled for presentation.

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N.Y. Paint Ass'n Nominates Campbell

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BARIUM HYDRATE
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POTASSIUM METABISULPHITE
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DR. B. LANGE
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Empire State Bldg., New York, N. Y.

VICTOR
OXALIC ACID
Guaranteed 99.8% pure or better
Free from corrosive sulphuric and hydrochloric acids. Three crystallizations: large, small and powdered. Uniform mechanical condition.
VICTOR CHEMICAL WORKS
141 W. Jackson Blvd., Chicago
SERVICE
UNIFORMITY
QUALITY

CANCER CAN BE CURED

But treatments must be started in time

Cancer now costs America 140,000 lives a year. You may save one of these lives in 1938 by helping to spread the information that cancer can be cured, but treatments must be started in time. First, inform yourself thoroughly. Call at The Red Door of the New York City Cancer Committee. Or mail this coupon.

NEW YORK CITY CANCER COMMITTEE, 130 EAST 66TH STREET, NEW YORK

For the $1 enclosed, send me a year's subscription to the Committee's new publication of information, "The Quarterly Review." Also send a supply of labels for my packages.

If you are not a resident of New York City, write for information to the American Society for the Control of Cancer, 1250 Sixth Avenue, New York.

*Name*_____

*Address*_____

THE NEW YORK CITY CANCER COMMITTEE
of the AMERICAN SOCIETY FOR THE CONTROL OF CANCER

Heavy Chemicals

Good Seasonal Demand for Paradechlorobenzene—Tin Salts Off —Sulphuric Acid Buying Improved—Blue Vitriol Active —Copperas in Short Supply—Phosphorus Dull

The beginning of the second quarter brought comparatively little change in the general demand for industrial chemicals. The only bright spots were seasonal improvement for certain agricultural and insecticide products. Little encouragement was derived from industrial activity last week, with the tendency downward in most respects, particularly in the steel, textile, glass, and match industries. Washington developments continue to demand a great deal of attention as to their effects on business, especially the rail situation, tax bill, wage and hour legislation and the reorganization bill. Official price schedules were unaltered, and the only fluctuations were confined to tin derivatives.

Agricultural chemicals enjoyed seasonal stimulation. Paradichlorobenzene was a feature. Sulphuric acid was more active last week in the seasonal movement of fertilizer mixtures. Blue vitriol commanded good attention for insecticidal purposes and commercial consumers also were coming in for fair commitments. Export trade continued brisk. Phosphorus was quiet, reflecting largely the curtailment in operations by the match industry. Reports of shutdowns were plentiful because of reduced orders by jobbers in anticipation of the elimination of excise taxes at the beginning of the government's fiscal year, and heavy inventories. Dullness in saltcake could be attributed to the inactivity of the glass industry, some improvement, however, was noticed in the container division.

Copperas continued in short supply as the result of low steel operations. First quarter steel output averaged only 31.57 percent of capacity, compared with 40.67 percent in the final quarter of last year and 85.23 percent in the corresponding quarter last year. Plating materials were slow, although a nominal increase was noted in automotive output. The volume, however, was considerably below a year ago. Alkalies were holding at about the same level, mirroring low production schedules in principal consuming industries. Calcium chloride price reduction recently was expected to stimulate demand for dust control activities with the active season near at hand. Tin derivatives were educed fractionally, conforming with the lower quotations for the Straits tin.

Aluminum. — The market for aluminum was fairly active last week. A good demand continued for the account of the aircraft industry and miscellaneous divisions. The call from transportation industry was not up to expectation, reflecting the economic conditions prevalent in the railroad field. However, any clarification of this situation was expected to be immediately shown in demand for modern equipment, with aluminum playing a prominent part. Prices continue firm. February exports of aluminum products from the United States, except finished manufactures, were valued at $586,952, or $233.513 more than in January, and $171,843 more than in February, 1937, according to preliminary reports by the Metals and Minerals Division of the Department of Commerce. Imports of aluminum valued at $350,142 also registered a slight advance of $14,802 as compared with the January trade, but fell far short of the $803,003 total of February, 1937. Bauxite made up the principal part of this trade and was valued at $350,142.

Alums. — Demand for the various alums continued spotty again last week. Prices in all instances were holding steady to firm at previous levels. February exports of alumina sulphate aggregated 3,482,811 pounds, valued at $38,698, of which 3,144,845 pounds went to Canada, 120,000 pounds to Cuba, 167,400 pounds to the Philippine Islands, 8,955 pounds to Mexico, 2,000 pounds to Haiti, 6,751 pounds to Brazil, 21,220 pounds to Venezuela, and 11,200 pounds to Hongkong. Exports during February of other aluminum compounds totaled 600,340 pounds, valued at $40,015, of which 587,258 pounds went to Canada, 2,010 pounds to the Philippine Islands, 5,833 pounds to Mexico, 2,000 pounds to Ireland, and 1,660 pounds to Denmark.

Ammonia, Anhydrous.—The approach of warmer weather should prove a stimulating factor for this commodity for refrigerating purposes. The market is rather quiet at present, but sellers were adhering to previous quotations. February exports amounted to 197,588 pounds, valued at $17,884, of which 3,259 pounds went to Canada, 3,625 pounds to Panama, 4,174 pounds to Panama Canal Zone, 97,496 pounds to Mexico, 2,633 pounds to Trinidad and Tobago, 8,250 pounds to Cuba, 2,270 pounds to Brazil, 3,193 pounds to Colombia, 1,420 pounds to Venezuela, 16,900 pounds to British India, 4,500 pounds to British Malaya, 5,072 pounds to the Philippine Islands, 25,950 pounds to Other Asia, 5,042 pounds to the Union of South Africa, and 10,040 pounds to Liberia.

Antimony.—Price for the domestic material continued unchanged at 13¾c., exstore. Chinese material likewise was unaltered. Demand continued quiet.

Arsenic.—The market continued to lag for the white and red materials last week. The call for the ceramic trade was restricted to nearby requirements only. Prices were without change.

Barium Salts.—The call for the various barium derivatives was slow throughout the week just ended. Improvement in the building industry would prove helpful to barium carbonate. Prices in all instances were well held at previous levels.

Bleaching Powder.—Shipments were moving in fair volume for the account of the disinfectant and laundry trade again last week. Prices were steady to firm at previous levels. February imports amounted to 52,247 pounds, valued at $1,274, of which 40,247 pounds came from France, and 12,000 pounds from the United Kingdom.

Blue Vitriol.—A steady demand continued to prevail in this direction again last week. Shipments were moving in good volume for the account of the insecticide trade, while other commercial consumers were making fair commitments. Export business was progressing at a brisk pace. Sellers reported that supplies were none too plentiful. Prices were firm at previous quotations.

Calcium Chloride. — The season for heavy withdrawals for dust control activities was near at hand. Sellers reported a good inquiry for this material so far this month. March withdrawals for the account of dealers was reported to be as good as the previous year. Business was transacted at the levels announced the preceding week which were reduced $1 per ton for the solid and flake material. February imports amounted to 219,016 pounds, valued at $1,532, of which 196,524 pounds came from Germany, and 22,492 pounds from the Netherlands.

Carbon Bisulphide. — Orders for the account routine consumers were for limited quantities. February exports amounted to 394,434 pounds, valued at

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Soda stannate, ½c. per lb.
Straits tin, 1c. per lb.
Tin crystals, ½c. per lb.
Tin oxide, 1c. per lb.
Tetrachloride, anhydrous of tin, ½c. per lb.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.6	**153.6**	**153.6**	**154.3**

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

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99.6	**99.6**	**99.6**	**99.5**

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TURNER
LIQUID CAUSTIC SODA
TANK TRUCKS—DRUMS
Local delivery tank truck service throughout the Metropolitan New York area.
JOSEPH TURNER & COMPANY
RIDGEFIELD, N. J.
83 EXCHANGE PL. PROVIDENCE
630 FIFTH AVE., NEW YORK
40TH ST. & CALUMET CHICAGO

ACETIC ACID
TANK CARS - TANK WAGONS - BARRELS
A. H. MATHIEU & CO.
7-11 Getty Avenue, Paterson, N. J.
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GRAY CHEMICAL CO., Roulette, Pa.

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SULPHUR
Stauffer CHEMICALS
BORIC ACID . CARBON TETRACHLORIDE : BORAX
TITANIUM TETRACHLORIDE : CAUSTIC SODA : SULPHUR
CHLORIDE : SULPHUR : SILICON TETRACHLORIDE
CREAM OF TARTAR : SULPHURIC ACID : CARBON
BISULPHIDE : TARTARIC ACID : WHITING
STAUFFER CHEMICAL COMPANY
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636 California St. San Francisco, Cal.
Carbide and Carbon Bldg. Chicago, Ill.
Rives-Strong Bldg. Los Angeles, Cal.
Freeport Texas
Stauffer

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Jacksonville, Fla. Jackson, Miss.
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A new production from ORCHARD DOME
Heavy Chemicals and Fertilizer Materials

BLUE VITRIOL
IRVINGTON SMELTING & REFINING
IRVINGTON WORKS NEW JERSEY
NEW YORK OFFICE
30 CHURCH ST.

Commercial Solvents Corp. Promotes Bacigalupi

E. W. Bacigalupi has been appointed manager of the Western sales division for the Commercial Solvents Corporation. Mr. Bacigalupi has been identified

E. W. Bacigalupi

with the solvents and alcohol trade for ten years.

The Commercial Solvents Corporation was organized in 1919. The company has plants in Terre Haute, Ind., Peoria, Ill., Harvey, and Westvago, La., and in Agnew, Cal. The company produces denatured alcohol and a wide variety of industrial chemicals derived from butyl alcohol, acetone, and methanol. Domestic products are distributed through warehouses and sales offices located in stragetic points throughout the country. Foreign affiliate in England distributes products through the Barter Trading Corporation, Ltd., its sole selling agent.

American Chemical Society Meeting in Dallas April 18

—*Continued from page* 5

Sulphur will have a large part among the topics of industrial interest to be presented to the division of industrial and engineering chemistry, in two sessions, April 20 in room 101 of the First Baptist Church annex, in accordance with the following program:—

G. Leon Bridger, "Phenols from Cornstalk Alkali Lignin."

T. S. Carswell and H. K. Nason, "The Properties and Uses of Pentachlorophenol."

Lawrence W. Bass, "The Functions of the Control Laboratory."

Kenneth H. Hoover and Frank E. Dolian, "The Technique of Antifreeze Testing."

H. T. Quigg, William C. Moyer, and R. L. Huntington, "The Condensation of Steam—Effect of Tube Position."

John B. Entrikin, "An Experience in Descaling Steam Turbines."

D. B. Mason, "The History and Development of the Sulphur Industry."

C. E. Butterworth and J. W. Schwab, "Sulphur Mining as a Processing Industry."

D. T. McIver, J. B. Chatelain, and B. A. Axelrad, "The Reclamation and Treatment of Bleed Water for Reuse in Sulphur Mining."

Isaac Bencowitz, "Casting Sulphur Pipe."

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Free from corrosive sulphuric and hydrochloric acids. Three crystallizations: large, small and powdered. Uniform mechanical condition.
VICTOR CHEMICAL WORKS
141 W. Jackson Blvd., Chicago
SERVICE
UNIFORMITY
QUALITY

CANCER CAN BE CURED

But treatments must be started in time

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JOSEPH TURNER & COMPANY
83 EXCHANGE PL. PROVIDENCE
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40TH ST. & CALUMET CHICAGO

ACETIC ACID
TANK CARS - TANK WAGONS - BARRELS
A. H. MATHIEU & CO.
7-11 Getty Avenue, Paterson, N. J.
Telephone Sherwood 2-3080-1-2
Sole Selling Agents for
GRAY CHEMICAL CO., Roulette, Pa.

...a dependable source of supply
SULPHUR
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BORIC ACID . CARBON TETRACHLORIDE : BORAX
TITANIUM TETRACHLORIDE : CAUSTIC SODA : SULPHUR
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CREAM OF TARTAR : SULPHURIC ACID : CARBON
BISULPHIDE : TARTARIC ACID : WHITING
STAUFFER CHEMICAL COMPANY
3710 Graybar Bldg. New York, N.Y.
636 California St. San Francisco, Cal.
Carbide and Carbon Bldg. Chicago, Ill.
Rives-Strong Bldg. Los Angeles, Cal.
Freeport Texas
Stauffer

Exclusive Distributors for DUVAL TEXAS SULPHUR COMPANY
ASHCRAFT-WILKINSON CO.
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Jacksonville, Fla. Jackson, Miss.
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99½% Pure
Shipments from Boling Dome and
A new production from ORCHARD DOME
Heavy Chemicals and Fertilizer Materials

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IRVINGTON NEW JERSEY
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Chemicals, pigments or any product that requires sift-proof and moisture-proof containers, should be packed in Fulton water-proof, paper-lined bags.

The special processing of burlap and cotton goods with paper, cementing the two with various waterproof adhesives such as asphalt, glue and latex, provides a bag that is strong, sift-proof and moisture-proof.

These bags are *much cheaper* than metal drums or barrels — they are easier to handle and to store.

Fulton water-proof, paper-lined bags are available for prompt delivery from St. Louis to the West and Middle West, and from Atlanta to the East.

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FULTON BAG & COTTON MILLS

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520 N. Michigan Ave. CHICAGO
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756 S. Broadway LOS ANGELES

PRODUCTS OF UNIFORM SUPERIOR PERFORMANCE

Chlorine.—A steady call continued in evidence in this direction again last week. Prices continued unchanged. February exports aggregated 658,287 pounds, valued at $14,388, of which 600,845 pounds went to Canada; 2,175 pounds to Guatemala; 1,200 pounds to Nicaragua; 31,750 pounds to Mexico; 15,000 pounds to Cuba; 3,900 pounds to Colombia; 1,050 pounds to Venezuela, and 1,200 pounds to the Netherlands Indies.

Copper.—Domestic copper market was quiet again last week. Prices continued to hold at the 10c. level, delivered Connecticut valley base.

Copper Salts.—The market for the various copper derivatives continued steady to firm, reflecting the firmness in the market for the basic metal. Business for the oxides, cyanide, chloride and nitrate materials was slow.

Copperas.—The position of copperas continued short. Steel operations last week declined to 32.6 percent of capacity, compared with 35.7 percent in the preceding period and 89.9 percent in the corresponding period a year ago. Steel production for the first quarter this year averaged only 31.57 percent of capacity, compared with 85.23 percent in the first quarter last year, a decline of 62 percent and 40.67 percent in the final quarter of last year, a decline of 22.4 percent. Output for the quarter was the lowest for any three month period since the final quarter of 1934.

Lime.—The market continued highly irregular throughout the week just ended. The call from agricultural and fertilizer sources was stimulated somewhat, while shipments for the account of chemical processors, construction industry and other large consumers was retarded by general business conditions. Prices remain steady to firm, and since quotations are listed f.o.b. points, freight rate increases will not reflect on base prices.

Nickel Salts.—Lower automotive production still retards improvement in demand for this material from the plating trade, although demand for other plating purposes has held up fairly well, the trade expected little material improvement until automobile operations reach higher proportions. Last week a nominal increase was reported, with production scheduled at 57,500 units, compared with 56,900 units the preceding week, and 97,710 units in the same week a year ago.

Phosphorus.—The market was quiet last week. Demand for the yellow and red materials for account of match industry and chemical processors was small. Prices continued unaltered. February imports totaled 2,000 pounds, all of which came from Japan. Sharp curtailments by leading domestic match manufacturers was uncovered, with shut downs in many instances reported because of sharp falling off in orders and an already heavy inventory position. Withholding of jobbers orders for matches because of anticipated elimination of excise taxes at the beginning of the government's fiscal year has caused a curtailment of operations generally.

Potash Carbonate.—The market was highly irregular during the week. Prices continue unaltered. February imports amounted to 23,521 pounds, valued at $1,063, of which 11,142 pounds came from Germany; 10,900 pounds from the Netherlands; 760 pounds from China, and 620 pounds from Hongkong.

Potash, Caustic.—Business was described as spotty throughout the past week. Prices continued unaltered. February imports totaled 106,667 pounds, valued at $8,783, of which 90,101 pounds came from Germany; 13,921 pounds from Sweden, and 2,645 pounds from Czechoslovakia.

Potash Chlorate.—Buyers were ordering conservatively. Prices continued unchanged. February imports of potash chlorate and perchlorate aggregated 1,113,648 pounds, valued at $65,892, of which 932,546 pounds came from Germany; 145,264 pounds from France, and 35,838 pounds from the United Kingdom.

Saltcake.—Another quiet week was experienced in this direction. The call

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SULPHURIC ACID

60° 66° 98%

Tank Cars—Carboys
Prompt Shipments

ROYSTER CHEMICAL WORKS

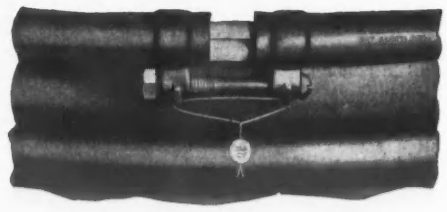
TOLEDO, OHIO

Division of

F. S. ROYSTER GUANO CO.

NORFOLK, VA.

EASTERN BOLTED RING SEAL DRUMS



WHERE added strength and security are needed use our "Bolted Ring Seal" drum shown above for shipping of Dry Chemicals, Dyestuffs, High Temperature Cements, Sweeping Compounds, Lime and Asphalts.

Supplied in Sizes from 10 to 70 gallons. Suitable for solids and semi-liquids.

We also make a complete line of Light Gauge Containers.

Write us for information regarding your container problems.

EASTERN STEEL BARREL CORPORATION

BOUND BROOK, NEW JERSEY

from principal consuming channels was restricted by virtue of lower operations. The glass industry finds no change in operations from the low levels as the second quarter commences. Glass containers and pressed and blown glassware were the only bright spots, while flat glass branch has lessened activity. The kraft paper industry continued as the only steady spot in the paper trade. Prices for the imported and domestic material were well held at previous levels.

Saltpeter.—A seasonal betterment in demand from agricultural trade was evident last week. However, the call from meat packers has been retarded because of the Lenten season. Prices continued steady to firm.

Soda Ash.—Demand was spotty in this market throughout the week under review. Usual consumers were adhering to a conservative policy to meet current production requirements only. Prices were steady to firm.

Soda, Bicarbonate.—A firm tone governed the dealings throughout the past week. The demand for account of food, beverage and pharmaceutical trades was described as moderate. Prices continued unchanged.

Soda, Caustic.—Curtailments in mill operations by the rayon industry was not particularly encouraging to the market, while other large consumers were operating considerably below the previous year's schedules, reflecting a conservative buying policy for this material. Prices were without alteration.

Soda, Cyanide. — Business continued at a slow pace again last week. Consumption by the plating and metallurgical trades continued restricted. Prices were steady to firm. Imports into the United States during 1937 amounted to 35,292,058 pounds, valued at $3,761,716, compared with 27,179,321 pounds, valued at $2,900,859 in the preceding year.

Soda, Phosphate. — Shipments were moderate throughout the week for mono, di- and tri-materials. Sellers reported no change in quotations.

Strontium Nitrate.—The market was a routine affair throughout the week. Usual consumers were coming in the market for small amounts. Prices ruled unchanged. February imports totaled 58,061 pounds, valued at $3,795, all of which came from Germany.

Tin Salts.—Prices for the various tin derivatives displayed a generally easier tone, reflecting further weakness in the Straits tin price, which was listed at 37.90c. per pound. Tin oxide was 46c. to 48c. per pound; anhydrous, tetrachloride of tin, 19¼c. per pound; tin crystals, 32c. to 32½c. per pound, and soda stannate, 26½c. to 29½c. per pound. World's visible supply of tin at end of March totaled 18,037 tons, compared with 16,402 tons at the end of February, according to an estimate. February exports of tin compounds amounted to 8,904 pounds, valued at $2,284, of which 5,981 pounds went to Canada, 1,623 pounds to Cuba, 1,000 pounds to Australia, 200 pounds to New Zealand, and 100 pounds to Union of South Africa.

Uranium Oxide.—The market was a quiet affair during the week just closed. The glass, ceramic and paint trades were concerning themselves with small commitments. Prices ruled unchanged. February imports totaled 21,122 pounds, valued at $37,569, of which 21,102 pounds came from Belgium, and 20 pounds from Canada.

Acids

Seasonal betterment in the demand for sulphuric acid provided the only feature to an otherwise dull market for mineral acids last week. The fertilizer trade has been coming into the market for better commitments. Acetic acid continued quiet. Chromic acid continued to mark time, with the plating trade affected by low automotive operations. Formic acid enjoyed a moderate call. Gallic, lactic, and muriatic acids were quiet.

Acetic.—The market moved through another quiet period last week. The natural and synthetic manufacturers of acid were strenuously opposing any further reductions in the rate in the revised trade agreement with Canada. Imports of high test acid in recent years accounted for one-fourth of apparent consumption, according to Department of Commerce figures. Productive capacity for acetic acid has expanded rapidly in the meanwhile.

Chromic.—The situation in this market remained relatively unaltered both pricewise and in demand. The plating trade continued affected by virtue of low automotive production.

Formic.—The call from the food, textile and tanning industries was along moderate lines. Prices remain unaltered.

Gallic.—Not a great deal could be said about the activity in this market last week. Sellers reported a steady to firm tone prevailed.

Lactic.—Only moderate interest was displayed by principal consumers last week. The call from the leather tanning trade was fair at times. Prices remain the same.

Muriatic.—Business was quiet in the market again last week. Usual consumers were making hand-to-mouth purchases. Prices ruled unchanged.

Sulphuric.—Although demand from other than the fertilizer trade was slow, a seasonal stimulation from this important consuming channel was thought to be encouraging. Prices were steady to firm at previous levels. Steel consumption has been far below normal as borne out by steel operations alone, which last week registered another decline at 32.6 percent of capacity, compared with 35.7 in the preceding week. Automotive output registered only a nominal gain, while textile curtailment was quite general.

BALTIMORE, April 6.—The movement of fertilizer mixtures have become more active in the last week, and gradually the real strength of the market is being disclosed. At that the shipment of mixtures falls behind the corresponding period of last year and predictions that volume will be off more or less are being made with at least as much confidence as has been displayed at any previous time this year, any rate, the producers of acid do not feel that they can mark down their quotations, what with the higher cost of materials and with the rise in the outlay for labor. Everywhere there prevails a disposition to be firm about acid figures, and the market is well supported at $12 per ton for 60 degree and at $15 per ton for 66 degree acid.

Insecticides

With seasonal influences continuing to reflect increased interest for various insecticides and fungicides, sellers reported business last week was good. Prices in all instances were steady to firm at previous levels. Paradichlorobenzene was in active demand, with sales in some instances running ahead of last year. Bordeaux mixture, calcium arsenate, lead arsenate and lime sulphur solution all enjoyed a brisk demand. It was pointed out, however, that climatic conditions, among other factors will largely determine the continuance of the demand now prevalent. The peak, especially in the Southern states, is reached around May or June. In other sections of the country the season terminates earlier.

Bordeaux Mixture.—Shipments continued to move out at a brisk pace last week. Prices were well maintained at previous levels.

Calcium Arsenate.—A good interest continued to be displayed in the market again last week. Sellers were adhering to quotations previously in force.

Lead Arsenate.—Seasonal influences continued to reflect a better interest for this material during the week just closed. A steady to firm tone governed the dealings.

Lime Sulphur Solution.—Withdrawals for spraying purposes continued fair at times last week. Prices continue at the same level as the previous week.

Paradichlorobenzene. — Sellers reported an active demand for this material throughout the week. Seasonal influences largely were accountable for the increased interest, with sales in some instances ahead of the preceding year. Prices were well maintained at previous levels.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Sulphuric Acid Discussed In Prior Publication

The innumerable uses of sulphuric acid is the theme of the April number of *Priorities*, published by Prior Chemical Corporation, 420 Lexington avenue, this city. Issue is taken with some recent opinions respecting lessening future consumption of this most important of all heavy chemicals and figures are cited to indicate that the basis for any such conclusion is erroneous.

International Nickel of Canada, **Ltd.**, has elected to its directorate John **R.** Lamb, president of the Bank of Toronto, to succeed J. W. McConnell, resigned.

ALKALI

Modern streamlined trains are no less spectacular in their speed and performance than the ready availability and performance of Diamond Alkali throughout industry. Back of Diamond Alkali manufacture is the same spirit of progressive improvement — the same scientific endeavor to excel as that which inspires designers and builders of modern mechnical equipment today.

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Short boiling range makes important reductions in solvent loss during recovery operations, and promotes quick completion of evaporation or drying processes.

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Barrett Coke Oven Light Oil Distillates include Benzols, Toluols, Xylols, Solvent Naphtha and Hi-Flash Solvent with a wide range of initial and end points. Write for our convenient specification chart and for complete information about Barrett Coal-Tar Solvents. Inquiries for special solvents are invited and will receive the careful attention of experts in the manufacture and application of coal-tar solvents.

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***HI-FLASH SOLVENT**

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Buffalo	*Cleveland	*Los Angeles	*Philadelphia
*Chicago	*Detroit	*Newark	*St. Louis
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**Hi-Flash Solvent available at these stations.*

•

THE BARRETT COMPANY

40 Rector Street New York, N.Y.

Barrett CHEMICALS

Coaltar Chemicals

Imported Crude Naphthalene Lower—Benzol Firm—Creosote Oil Quiet—Toluol and Xylol Steady—Phenol Slow—Cresylic Acid Dull—Intermediates and Acids Spotty

The volume of new business in the market for coaltar chemicals was still regarded as disappointing last week. Hopes were held that a seasonal betterment will soon make its appearance for certain basic coaltar chemicals. Imported crude naphthalene was lower, while domestic quotations were unchanged.

Although the beginning of the second quarter has not shown any substantial improvement, it was pointed out that several materials usually show seasonal acceleration with the appearance of warmer weather. So far this improvement has not shown any tangible sign of developing. Creosote oil was still quiet, railroads and utilities were not displaying an active interest. Coaltar pitch also has been lagging. Toluol and xylol usually enjoy a good demand from the lacquer trade as the result of increased automotive activity, but so far the industry has failed to enjoy its seasonal pickup. Benzol probably stands out as the firm feature of the market by virtue of the continued low production levels, and demand sufficient to absorb the available supplies.

Prices for imported naphthalene were reported lower than the preceding week in many quarters. Lack of demand was the chief contributing factor. Domestic sellers were adhering to quotations previously in force. Refined naphthalene was in fair demand. Cresylic acid was dull. Phenol witnessed another slow week, with the synthetic resin industry displaying only slight interest. The export market was quiet. Coaltar colors noted a slight improvement. Intermediates and acids were spotty. February exports of coaltar intermediates amounted to 180,953 pounds, valued at $42,751. Coaltar acids February exports aggregated 5,899 pounds, valued at $7,634.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Naphthalene, crude, imp., 15c. per 100 lbs.

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
127.3	127.3	127.3	126.7

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—The market for benzol remains about the same as heretofore. A firm tone prevails by virtue of the restricted production levels, and indications of betterment in the near future were remote. Steel operations last week declined to 32.6 percent of ingot capacity, as against 35.7 percent in the preceding period and 89.9 percent of capacity in the corresponding period a year ago. The usual consumers were coming into the market for sufficient quantities to absorb the available supplies, and prompt delivery in some instances present a problem to the sellers. February exports amounted to 112,475 gallons, valued at $32,839, of which 66,614 gallons was shipped to Japan; 11,275 gallons to New Zealand; 13,202 gallons to Uruguay; 3,145 gallons to Canada; 7,273 gallons to Argentina; 55 gallons to Mexico; 10,420 gallons to Cuba; 265 gallons to Brazil; 212 gallons to Venezuela, and 14 gallons to the Philippine Islands.

Coaltar.—Prices for the crude and refined coaltar were well held at previous levels. Although demand was not particularly active, supplies of the material were not too heavy. Exports during February aggregated 1,403,903 gallons, valued at $51,946, of which 1,332,243 gallons went to France; 64,009 gallons to Canada; 1,375 gallons to Mexico; 1,424 gallons to Chile, and 1,650 gallons to Colombia.

Creosote Oil.—Seasonal betterment has not been noticed in this direction as yet, but sellers are anticipating some increasing commitments for the account of the large railroads and public utilities. Prices continue unaltered. Exports for February totaled 3,796 gallons, valued at $1,276.

Cresylic Acid.—Interest continued to lag in the market again last week. Domestic sellers were adhering to scheduled quotations. Withdrawals against contracts were commensurate with production schedules in most consuming industries. Imports were not particularly large, dullness in the market more than anything else was responsible for the easier tone prevailing for the imported material.

Naphthalene.—Prices for the imported crude naphthalene were reported from $2 to $2.15 per 100 pounds. Domestic crude material remained unchanged. Lack of demand has been the chief factor in lowering quotations for the imported product. The call for the refined material was moving at a fair pace, which was largely accounted for by seasonal influences. Prices continued at the levels established recently.

Phenol.—Another slow week prevailed in this market. The synthetic resin industry displayed only slight interest, reflecting the reduced operating schedules as compared with a year ago. The disinfectant trade was coming in for moderate amounts. Sellers continue to adhere to quotations previously in force. The export market noted little activity, and aside from a substantial shipment to Japan last month, business in this direction has been negligible.

Pitch, Coaltar.—The market was a rather quiet affair throughout the week. Seasonal improvement was expected to develop soon, however, and sellers reported no change in the quotations. February exports amounted to 557 tons, valued at $11,763, of which 67 tons went to France; 25 tons to Germany; 76 tons to the United Kingdom; 381 tons to Canada; 3 tons to Cuba, and 5 tons to Australia.

Toluol.—Activity was slowed down in the market last week. The call for the account of the lacquer trade was limited considerably, reflecting the relatively low automotive production. Last week automobile production increased nominally at 57,500 units, compared with 56,900 units in the preceding week and 97,710 units in the corresponding week a year ago.

Xylol.—The market continued steady. Business was not too brisk, but supplies were not considered heavy in view of lower production schedules.

Chicago Coaltar Bases

Buying of coaltar bases has been along fairly good lines, considering the conservative attitude of buyers generally. Prices are reported holding rather steady. Inquiries are being received on a fairly large basis. Benzol business is moderate. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic.—The market for the technical material was quiet throughout the week just closed. Commitments from most sources were for immediate needs only. Prices were without change.

Broenner's.—Little in the way of material improvement was witnessed in this direction last week. Sellers were adhering to quotations previously in force.

Gamma.—Interest in the market was fair at times during the week just ended. However, no deviation in the hand-to-mouth buying policy was prevalent. Prices ruled unchanged.

Maleic.—A firm tone continued to govern the transactions, but commitments were held to urgent needs only. Prices continued the same.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Salicylic.—The market for the most part was concerned with moderate quantities. Sellers reported a steady to firm tone governed the dealings.

Other Intermediates

Anilin Oil.—The market was spotty at times throughout the week just closed. Usual consumers were following a cautious buying policy, commensurate with current needs. Prices continue unaltered.

Betanaphthol.—Interest in the market lagged at times last week. Usual consumers were apparently content to mark time until needs became more urgent. Prices continue the same.

Dinitrobenzene.—Another quiet week was the rule in this direction. However, a firm tone ruled the dealings, with prices the same as the previous period.

Monochlorobenzene. — Business was described as slow during the week just ended. Consumers were content to make moderate withdrawals when needs became urgent. Prices continue the same.

Orthocresol.—A moderate inquiry was uncovered. Sellers continue to adhere to previous quotations, and a steady to firm tone governed the dealings.

Orthonitrotoluene. — Quotations continue at the same level as the previous period, despite the fact current business was quiet.

Phthalic Anhydride.—Shipments were moving out at a fair pace. Consumers were limiting commitments to actual requirements only. Prices ruled unchanged.

Coaltar Colors

Sellers reported a slight improvement in the volume of business as compared with the previous period. However, generally the market was far below normal levels. The price structure for various colors remained steady to firm at previous quotations. Textile activity continued in the doldrums. Rayon production was curtailed sharply in the woven cloth division; despite the low opening prices on Fall wool goods lines, business had not shown any special activity. Cotton goods activity remained unchanged last week. February exports of coaltar colors amounted to 587,168 pounds, valued at $244,711.

Biddle Purchasing Asks Voiding of F.T.C. Order

—Continued from page 3

charge, he is given a check for the difference.

W. T. Kelly, chief counsel, and Allen C. Phelps, special attorney, for the commission, said the order of the commission, issued after a full hearing and investigation, was based on the Robinson-Patman Act, which is constitutional. The effect of passing on brokerages to buyers from sellers, they argued, was to give payment for services the buyers had not performed, giving them a preference over other buyers.

Other plaintiffs include the Colonial Molasses Company and E. G. Meaker Company, Inc., this city, and the Michigan Trading Corporation.

Beacon Co. Expanding In Metallic Soaps

The Beacon Company, chemical manufacturer, Boston, has acquired the business of the Scott Chemical Company, manufacturer of stearates of aluminum, calcium, magnesium, and zinc, Lynn, Mass.

With this acquisition the Beacon Company is extending the Scott line of metallic soaps, adding laurates, palmitates, and resinates of the four metals mentioned and various soaps of cobalt, copper, lead, and manganese.

Mothproofing Agent Misnamed

Pentachlordioxytriphenylmethane sulphonic acid was the agent named by E. A. Back, entomologist in the United States Department of Agriculture, as having shown most promise to date as a mothproofing agent for woolen textiles, in his recent address before the New York section of the American Association of Textile Chemists and Colorists in the Chemists' Club, this city. This compound was incorrectly designated as pentadichlorothioxydiphenyl sulphonic acid in the REPORTER of April 4. Mr. Back also said that various inorganic silico fluorides were sometimes used as mothproofing agents, but that their removal during laundering was disadvantageous.

Merck & Co. Cited Under Patman Act

OPD Washington Bureau
April 8, 1938

The Federal Trade Commission has issued a complaint charging Merck & Co., manufacturer of laboratory, medicinal, and other chemicals, with granting unlawful price discriminations to certain purchasers, in violation of the Robinson-Patman act. The complaint alleges that Merck & Co. discriminates in price between different purchasers buying its products in like grades and qualities by allowing some of such purchasers lower prices than those granted other of its purchasers competitively engaged in reselling Merck products.

To certain distributors, designated as Merck depots, the respondent company on various items allegedly makes a special list price, usually from 5 to 15 percent lower than its regular quoted price to wholesalers generally. This is the customary practice in the distribution of laboratory chemicals. On other items on which list prices are the same to the depots and to wholesalers generally, the respondent company, the complaint charges, sells chemicals to the depots at a price lower than that quoted for the quantity actually purchased, with the result that the depots buy such items at from 5 to 15 percent under the price made available for the same quantities to wholesalers generally.

Merck & Co. is allowed twenty days to answer the charges set out in the complaint.

Hanline Bros. Observes Ninetieth Anniversary

Hanline Brothers, paint manufacturer, Baltimore, observed its ninetieth anniversary April 1. The first has been manufacturing its own brands for about forty-five years, one of its chief articles of manufacture is "zonemark," a widely used traffic paint. The present head of the company is Leon Hanline, son of Simon S. Hanline, who incidentally observed his eightieth birthday March 26. The current president's grandfather established the company, starting as a retail seller of paints prior to 1848.

Monsanto Chemical Issues Annual Report to Employes

The Monsanto Chemical Company has issued for the first time an employes' edition of the annual report for 1937. This report differs from the financial statement issued to the stockholders, in that Edgar M. Queeny, president of the company, explains the responsibility of the employees to the stockholders, and vice versa, together with the combined responsibility of both to the customer. Mr. Queeny outlines the efforts the Monsanto organization is making to offset the depression through investments in research. The report also contains a biography of the directors, as well as photographs of certain plant improvements and additions made during the year.

Sturgis Refining Company suffered a loss of $25,000 when fire destroyed its plant at Sturgis, S. D.

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COMMERCIALLY PURE BENZOL
90% BENZOL • CXP BENZOL
XYLOLS (SOLVENT NAPHTHA)
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Benzol (all grades) . . . Toluol (Industrial and Nitration) . . . Xylol (10° and industrial) . . . Solvent Naphtha (including High Flash) . . . Phenol (82% and 90% Purity) . . . Cresol (U. S. P., Resin and Plasticizer Grades) . . . 3° Meta Para Cresol . . . Cresylic Acid (Disinfectant Grades—98%, pale low-boiling. Insecticide Grades—98%, pale, high-boiling) . . . Naphthalene . . . Shingle Stain Oil . . . Refined Tars . . . Tar Acid Oils . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote

OTHER KOPPERS PRODUCTS

Tanks and Tank Work . . . Benzol Recovery Plants . . . Naphthalene Removal Apparatus . . . Phenol Removal Apparatus . . . By-Product Gas Plants . . . By-Product Recovery Apparatus . . . Sulfur Recovery Apparatus . . . Coal Tar Roofing Materials . . . Waterproofing and Dampproofing Materials . . . Tarmac Road Tar Materials . . . Bituminous Base Paints . . . Coal . . . Coke . . . Fast's Self-aligning Couplings . . . Fire Hydrants . . . Piston Rings . . . Gas, Air and Water Valves . . . Pressure-treated Lumber

A certain coal company was using untreated ties on the track in its butt entries. The ties had a normal life of three years when installed in one place. But all the coal on any one of these butt entries was removed in an average of three months. The ties were therefore taken up each three months. Because of the repeated spiking, life of the ties was reduced from three years to one year.

A Koppers subsidiary, The Wood Preserving Corporation, designed a pressure-treated creosoted wood tie, combined with a standard steel track tie. It is called the "Ar-moored" Tie. This particular coal company bought 2,000 of these ties. Careful cost records now show that these 2,000 ties save the mine $54.98 a month and will pay off the investment in 3.64 years. It is conservatively estimated that they will have at least five years of life beyond that time.

KOPPERS COMPANY
PITTSBURGH, PA.

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Five-hundred-eighty-eighth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Lauryl Isotellurocyanate

Disinfectant

Parasiticide (U.S. 1993040)

Nickel

In Common Commercial Forms

(Anodes, Blocks, Ingots, Plates, Rods, Sheets, Shot, Strips, Tubes, Wires, and Others)

(Continued from April 4 issue)

Rayon

Metal for making—
- Spinerette adapters
- Various equipment (see under Plastics)

Rubber

Metal for making—
- Pipelines
- Truck tanks

Soap

Metal for making—
- Cooling frames
- Moulds
- Various equipment (see under Fats and Oils)

Water

Metal for making—
- Pipelines
- Water-softening equipment

In Finely Divided Forms

(Including Nickelized Catalyst Carriers)

Analysis

Reagent for—
- Determination of nitrogen by hydrogenation

Chemical

Catalyst in—
- Absorbing ethylene in sulphuric acid (Brit. 336603)
- Decomposition of alcohol
- Destructive hydrogenation of carbonaceous materials (Brit. 335215)
- Dehalogenizing aromatic chloro derivatives
- Hydrogenation of aldehydes and ketones
- Hydrogenation of benzene compounds
- Oxidation of methane

Catalyst in making—
- Alcohols from aldehydes
- Alcohols from ketones
- Alcohols of various kinds from olefins (Brit. 335551)
- Cyclohexane from phenol
- Cyclohexanol from phenol
- Dihydrofurfuryl alcohols from furfuryl alcohol
- Furfuryl alcohol from furfural
- Hexahydrodiphenylene oxide
- Menthones
- Methyltettahydrofuran from furfuryl alcohol
- Saturated compounds from olefin derivatives
- Tetrahydrofuran from furfuryl alcohol
- Tetrahydrofurfuryl alcohol from furfuryl alcohol

Catalyst in reducing—
- Acetylene to ethane
- Acetonylacetone to the anhydride of the corresponding glycol
- Aliphatic nitriles to amines and ammonia
- Aliphatic nitro compounds to primary amines
- Aliphatic nitro compounds to paraffins and ammonia
- Alphaheptin to heptane
- Alphanitronaphthalene to ammonia and tetralin
- Aromatic hydrocarbons to their hexahydro derivatives
- Aromatic nitriles to ammonia and an aromatic hydrocarbon
- Benzene nuclei
- Benzil, benzoin, and benzoylacetone to the corresponding hydrocarbons
- Carbon monoxide to methane and water
- Carbon dioxide to methane and water
- Diacetyl to mixtures of hydroxyketone and glycol
- Ketones of the benzophenone type and phenylbenzyl ketone to aromatic hydrocarbons
- Naphthalene to dekahydronaphthalene (dekalin)
- Catalyst in Reducing
  - Naphthalene to tetrahydronaphthalene (tetralin)
  - Olefins to the corresponding paraffins
  - Phenylacetylene to mixture of ethylcyclohexane, methylcyclohexane, and methane
  - Pinene to a dihydro derivative
  - Quinones to quinols and carbylamines
  - Terpenes, such as limonene, sylvestrene, terpinene, menthene, to paramethylisopropylcyclohexane
  - Unsaturated ketones to the corresponding saturated ketones

Coal Processing

Catalyst in—
- Hydrogenation of coal

Fats and Oils

Catalyst in the hydrogenation of—
- Animal oils
- Fats
- Fish oils
- Oxidized oils
- Polymerized oils
- Unsaturated oils
- Vegetable oils

Gas

Catalyst in—
- Freeing combustible gases from carbon monoxide (Brit. 335228)
- Purifying natural gas (Brit. 335394)

Petroleum

Catalyst in—
- Reducing olefins to the corresponding paraffins
- Removing sulphur from high-sulphur naphthas and mineral oils

Catalyst in making—
- Alcohols of various kinds from olefins (Brit. 335551)
- Saturated compounds from olefin derivatives

Resins

Catalyst in—
- Hydrogenation processes

Soap

Catalyst in hydrogenation of—
- Animal oils
- Fats
- Fish oils
- Vegetable oils

Phenyl-Mercury Gallate

Disinfectant

Germicide (U.S. 2074040)

Pyrrole Oleate, Chlorinated

Lubricant

Stabilizing agent (Brit. 451412 and 453047) for—
- Lubricating oils subjected to high pressures
- Top cylinder lubricating compositions

Triethanolamine

(Trisethanolamin, Triethanolamin, Trihydroxyethylamine)

(The commercial product contains approximately 15% of diethanolamine and 2.5% monoethanolamine)

Chemical

Absorbent for—
- Acid gases
- Carbon dioxide
- Hydrochloric acid in gaseous form
- Hydrogen sulphide
- Sulphur dioxide

Absorbent in—
- Recovering and purifying gases

Amine useful as—
- Viscous liquid
- Very hygroscopic liquid
- Completely soluble in alcohols
- Completely soluble in water
- Slightly soluble in hydrocarbons

Emulsifying agent in making—
- Emulsions of various chemicals
- Textile lubricants in emulsified form
- Wetting compositions in emulsified form

Emulsifying agent (commonly used in the form of one of its soaps) with—
- Fatty acids
- Oleic acid
- Stearic acid

Solvent for—
- Some organic substances

Starting point in making—
- Dispersing agents
- Emulsifying agents
- Intermediates
- Soaps having valuable properties
- Synthetic products by esterification of hydroxyl groups
- Synthetic products by condensation with aldehydes
- Various derivatives

Cosmetic

Emulsifying agent in various preparations

Disinfectant

Emulsifying agent in making—
- Emulsified germicidal and disinfecting compositions

Dye

Emulsfying agent in making—
- Emulsified color lakes

Solvent (Brit. 272908) in making—
- Soluble metallic compounds of azo dyestuffs

Dry Cleaning

Starting point in making—
- Dry-cleaning soaps

Fats, Oils, and Waxes

Emulsifying agent for—
- Fats
- Oils
- Waxes

Emulsifying agent in making—
- Emulsified boring oils
- Emulsified drilling oils
- Emulsified fat-splitting preparations
- Emulsified fatty acids of animal or vegetable origin
- Emulsified greasing compositions
- Emulsified greasing and lubricating compositions containing various vegetable and animal fats and oils
- Emulsified preparations of natural or synthetic waxes
- Emulsified sulphonated oils
- Emulsified wire-drawing oils
- Emulsions of animal and vegetable fats and oils

Gases

Absorbent for—
- Acid gases
- Carbon dioxide
- Hydrochloric acid in gaseous form
- Hydrogen sulphide
- Sulphide dioxide

Absorbent in—
- Recovering and purifying gases

Glue and Adhesives

Emulsifying agent in making various adhesive preparations

Plasticizer for—
- Glue

Ink

Emulsifying agent in making—
- Emulsified printing and writing inks

Insecticide

Emulsifying agent in making—
- Emulsified insecticidal and fungicidal compositions
- Horticultural sprays

Leather

Emulsifying agent in making—
- Emulsified compositions for softening hides
- Emulsified dressing compositions
- Emulsified fat-liquoring baths
- Emulsified finishing compositions
- Emulsified soaking compositions
- Emulsified tanning compositions
- Emulsified waterproofing compositions

Ingredient (Brit. 306116) of—
- Impregnating compositions

Plasticizer in—
- Leather coatings

Miscellaneous

Emulsifying agent in making—
- Automobile polishes in emulsified form
- Emulsified cleansing compositions
- Emulsified compositions for cleansing painted and metallic surfaces
- Emulsified degreasing compositions
- Emulsified furniture polishes
- Emulsified greasing compositions
- Emulsified metal polishes
- Emulsions of various substances
- Waterproofing compositions in emulsified form

Promoter of—
- Penetration of liquids into porous materials

Paint and Varnish

Emulsifying agent in making—
- Emulsified shellac, casein, or rubber preparations
- Waterproofing compositions in emulsified form

Solvent for—
- Casein
- Rubber
- Shellac

Paper

Emulsifying agent in making—
- Emulsified compositions for sizing paper and pulp products
- Emulsified compositions for waterproofing paper and pulp compositions and paperboard
- Waxing compositions in emulsified form

Petroleum

Emulsifying agent in making—
- Emulsified cutting oils for screwpress and lathe work
- Emulsified mineral oils
- Kerosene emulsions
- Naphtha emulsions
- Petroleum pitch emulsions
- Petroleum tar emulsions
- Textile oils in emulsified form, such as rayon oils
- Soluble greases in emulsified form
- Solubilized emulsified oils and distillates

Plastics

Emulsifying agent in making—
- Emulsified plastic compositions
- Emulsified casein or shellac compositions

Resins

Emulsifying agent in making—
- Emulsified preparations of natural or artificial resins
- Emulsified shellac compositions

Rubber

Emulsifying agent in making—
- Emulsified rubber cements and compositions

Solvent for—
- Rubber

Soap

Emulsifying agent in making—
- Emulsified detergents, containing soaps, used for various purposes
- Emulsified hand-cleaning compositions containing soap
- Emulsified textile soaps

Textile

Bleaching

Emulsifying gent in making—
- Emulsified bleaching baths

Dyeing

Emulsifying agent in making—
- Dye baths in emulsified form

Finishing

Emulsifying agent in making—
- Emulsified coating compositions
- Emulsified scouring compositions
- Emulsified sizing compositions
- Emulsified washing compositions
- Emulsified waterproofing compositions
- Emulsified waxing compositions
- Emulsified wetting agents

Plasticizer in—
- Coatings for textiles

Manufacturing

Emulsifying agent in making—
- Emulsified baths for the carbonization of wool
- Emulsified baths for degumming and boiling-off silk
- Emulsified baths for soaking silks
- Emulsified bowking baths
- Emulsified compositions used for degreasing raw wool
- Emulsified fulling baths
- Emulsified kier-boiling baths for cotton
- Emulsified mercerization baths
- Emulsified spinning compositions
- Oiling emulsions for various textile purposes

Printing

Emulsifying agent in making—
- Emulsified printing pastes

Dyestuffs, Textile and Leather Chemicals

Sumac Ground Sicilian Lower—Valonia Beards and Cups Easier —Dyestuffs Steady—Zinc Dust Off—Potato Starch Higher —Egg Products Reduced—Sago Flour Lowered

Quotations in the market for dyestuffs and tanstuffs were assuming a downward tendency during the first full week of the second quarter. Demand for various raw materials have not increased with the turn of the quarter. Curtailments still persist in the textile field; rayon, woolen, and cotton mill activities were lower. Spring trade made a poor start and inventory reductions have been irregular. The longer pre-

Price Changes

Prices were changed during the past week as follows:—

Advanced

Starch, potato, ½c. per lb.

Reduced

Albumen, egg, dom. ed. crystal, 1c. per lb.
Egg yolk, dom., 1c. per lb.
Sago flour, ¼c. per lb.
Starch, rice, 1c. per lb.
Sumac, ground Sicilian, 50c. per ton.
Valonia beards, $1 per ton.
cups, 50c. per ton.
Zinc dust, 1/10c. per lb.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.1	154.4	154.5	154.1

Market news that may have developed after this report was sent to press will be found on page 4.

Easter selling period was retarted by cold, inclement weather conditions throughout the country. Lower quotations were recorded for sago flour, rice starch, zinc dust, edible egg albumen crystals, egg yolk, sumac ground sicilian, and valonia beards and cups. Potato starch was higher.

Chemicals, with the exception of zinc dust, were steady to firm last week. The decline in zinc metal last week was responsible for slightly lower quotations for zinc dust. Soda bichromate was irregular, the call from the textile industry was slow; but leather trade demand has improved slightly. Dyestuffs were steady, although demand was restricted by virtue of curtailments in major textile consuming industries. Cochineal and indigo were firm.

Raw tanning materials tended lower, with ground sicilian sumac valonia beards and cups providing the price changes. Leather markets were quiet; tanners have held prices of full list quotations, and manufacturers were buying on a hand-to-mouth basis. Production of shoes was spotty, however, generally there was much improvement. West was holding steady, New England experienced a rush stage, which was expected to continue for a few weeks. New York state production was irregular, some plants were busy, while others were laying off workers.

Corn derivatives were holding steady at last week's levels. The basic grain showed independent strength again last week, reflecting the appearance of a broad European demand. Sago flour was fractionally lower. Rice starch declined moderately, while potato domestic starch advanced. Egg products were lower, egg yolk and domestic edible egg albumen crystals recorded one cent per pound declines.

Chemicals

Alumina Chloride.—The call from dye color makers was slow last week. Despite lower price for Fall wool good lines, business was small. Consumption of raw wool in February proceeded at a weekly average rate of 4,019,000 pounds, compared with 3,276,000 pounds in January, according to the Department of Commerce.

Antimony Salts.—Curtailment in cotton mill activity has reflected in smaller demand for the account of colors used in cotton dyeing. Definite announcement of a program for elimination of the third shift in cotton mills was expected shortly, while some discussion of a 30-day holiday for print cloth mills has taken place.

Potash Prussiate.—Demand continued highly irregular. Curtailments by cotton and woolen mills was quite general because of high inventories. A better interest was displayed by the tanning industry, however, with shoe production showing a better trend, although far below the mark of last year. Prices were unchanged. February imports totaled 22,047 pounds, valued at $5,035, all of which came from Germany.

Soda Bichromate.—The call from textile industry continued dull. The call from the leather trade was improved, manufacturers in the West were holding steady. The New England section experienced an Easter rush business, while operations in New York state were highly irregular with some plants operating at capacity, and others laying off. Prices were without change.

Zinc Dust.—Prices were slightly lower last week as the result of a reduction in the basic metal. Demand from the textile industry and dye makers was slow.

Dyestuffs

Annatto.—Business was described as highly irregular throughout the week for the seed and paste material. The call was commensurate with production from silk mills, with mill takings of raw silk during March estimated by the commodity exchange at 34,884 bales, against 30,260 bales in February. Stocks declined to 36,248 bales, against 43,834 bales in the previous month.

Cochineal.—Dye manufacturers were pursuing a conservative buying policy. Orders for the account of cotton, silk and wool mills were in line with operating schedules, which have experienced some curtailment because of high inventories. Prices were without change.

Fustic.—A fair inquiry was uncovered in the market last week. Consumers in the South were coming in for fair quantities, while the New England section was restricting commitments somewhat. Prices continued steady to firm.

Indigo.—Business in the market for the natural and synthetic material was spotty last week. Manufacturing consumers were holding commitments to meet nearby requirements only. Prices remain the same.

Logwood.—Business was along routine lines again last week. Consumers showed little disposition to order out beyond immediate requirements. Prices remain steady to firm. February exports of logwood extract totaled 102,962 pounds, valued at $13,517, of which 2,200 pounds went to Belgium, 1,100 pounds to the Netherlands, 20,507 pounds to the United Kingdom, 11,838 pounds to Canada, 10,972 pounds to Brazil, 1,345 pounds to Peru, and 55,000 pounds to Japan.

Sizing Materials

Albumen, Egg.—Domestic prices were lowered one cent per pound for the crystals at 82c to 84c. per pound; powdered material ranged from 88c. to 90c. per pound. Import market continued nominal. The general demand was slow, with about fifteen domestic producers in full swing.

Dextrin.—Prices for the British gum, canary and white corn dextrin were unchanged from last week. Demand was reported not so active as the previous week. Independent strength continued for the basic grain, despite weakness in other commodities. A continuance of broad European demand was largely responsible for the firmness. Visible supplies of corn last week were 40,720,000 bushels, compared with 37,961,000 bushels in the preceding week and 10,764,000 bushels in the corresponding week a year ago.

Egg Yolk.—Sellers of domestic egg yolk reduced prices one cent per pound at 62c. to 64c. per pound. Market continued quiet. Prices of eggs have reached the usual early year low points, according to the Bureau of Agriculture Economics. They probably will develop an upward trend during the Spring months. The bureau says that supplies of eggs will be smaller than in 1937 and stocks on August 1 will be less than a year ago.

Sago Flour.—Prices were reduced fractionally last week, ranging from 2½c. to 3½c. per pound, according to quality. Sellers reported only a fair interest was displayed in the market.

Starch.—Quotations for domestic potato starch were slightly higher last week at 4c. to 5c. per pound. Rice starch recorded a decline of one cent at 6¾c. to 7¼c. per pound. Prices for corn pearl and powdered materials remain at the same levels announced the previous week. Demand continued spotty.

Tanning Materials

Mangrove Bark. — The market was pretty much of a routine affair last week. Sellers were maintaining price levels at $25 per ton, the same as last week.

Myrobalans.—Prices continued steady to firm at previous levels. A slightly better inquiry was uncovered throughout the week just closed.

Sumac.—Quotations for the ground Sicilian material were slightly lower at $64 per ton; leaf material remained unaltered. A moderate demand was reported during the week.

Valonia.—The beards were $1 per ton lower at $49, and the cups 50c. per ton lower at $35 to $37 per ton. Usual consumers were making commitments on a hand-to-mouth basis.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Advertising Control Discussed by Dunn

—*Continued from page 5*

5. Above all else make no health or therapeutic representation about a product unless and until it has been proved true by scientific investigation and experimental use.

6. Place all advertising under an administrative intracompany control which is reasonably sufficient in the circumstances. This control is now essential.

In further explanation of the need for full information on what must be expected in the application of advertising control, Mr. Dunn urged manufacturers to bear in mind the following principles of law established by the Supreme Court of the United States in cases in point:—

1. Deception may result from a representation which is not technically false and which is literally true. (Cider Vinegar case 265 U.S. 438.)

2. Deception may result from the very simplicity of a representation. (Algoma case 291 U.S. 67.)

3. A representation which is inherently deceptive is not saved by knowledge of that fact on the part of more or less purchasers. (Winsted case, 258 U.S. 413.)

4. A law against misleading representations is designed to protect all classes of purchasers; and especially those who are least able to protect themselves. (Standard Education case, decided on November 8.)

American Ceramic Society Installs Victor Kelsey

—*Continued from page 5*

best known for his glass panel work in Rockefeller Center; Dr. Lucien Delloye, Paris, a leader in the French glass industry; Colonel C. W. Thomas, Stoutbridge, England, a leading producer of pottery, and Miss Mary Louisa McLaughlin, Cincinnati, Ohio, a pioneer in in underglaze painting and porcelain firing, as well as an author of several books on ceramics.

Fellowship awards were given to Mr. Kelsey, John O. Everhart, Columbus, Ohio; Lawrence Hebert Brown, East Liverpool, Ohio; Raymond Albert Heindl, Washington, D. C.; Harry Emmett Ebright, Cleveland, Ohio; Herbert Insley, Washington, D. C.; Karl Schwartzwalder, Flint, Mich.; Albert Lee Bennett, Los Angeles; Fred Benson Ortman, Glendale, Cal.; George P. Fackt, Los Angeles; Ira Elmer Sproat, New York city; Harry Dennis Callahan, East Sparta, Ohio; George Hebert Duncombe, jr., Columbus, Ohio, and Harold Siegrist Nash, Cincinnati, Ohio.

Bruce W. Thorngate, of Pensacola, Florida, described research being made near Monterey, Mexico, looking toward the development of a cheap clay container for beverages. The discussions from the floor brought out that one of the largest monuments to the ceramic industry is the Lincoln tunnel under the Hudson river, connecting New York and New Jersey, which was dedicated last December. Ninety-seven feet below the surface of the river, this tube is 8215 feet long, has a 21½-foot roadway and a ventilation system which calls for the moving of 3,460,000 cubic feet a minute. The usual section, built inside the iron shell, is a product of ceramics. The roadway is of vitrefied paving brick, and the white lane markers are of porcelain brick. The ceiling is of glass tile, the walls are of glazed clay tile with terra cotta facings. The side lines at the bottom are of white enameled plate, and the railings are of enameled iron.

Other technical papers discussed were:—

"Determining the Exchangeable Bases in Clays," by R. P. Graham and J. D. Sullivan of the Battelle Memorial Institute, Columbus, Ohio.

"Electrophoretic Velocity of Certain Whiteware Clays," by N. W. Taylor and G. S. Bachman of Pennsylvania State College, State College, Pa.

"Fractionation of Clay," by F. H. Norton and S. Spell of the Massachusetts Institute of Technology, Cambridge, Mass.

"Measurement of Particle Sizes of Clay," by F. H. Norton and S. Spell.

"Plasticity of Kaolin," by H. Whittaker.

"Determining the Grain Size of Whiteware Clays," by G. A. Loomis of Ohio State University, Columbus, Ohio.

Speaking of refractories, C. E. Bales, of Ironton, Ohio, said that development of a process for the evacuation of air from fire brick material has been perfected by the industry within recent months, as has a practice of baking fire bricks made of magnesite and chrome used as refractories in furnaces.

It was voted to hold the 1939 convention in Chicago.

Natural Products Refining Co.
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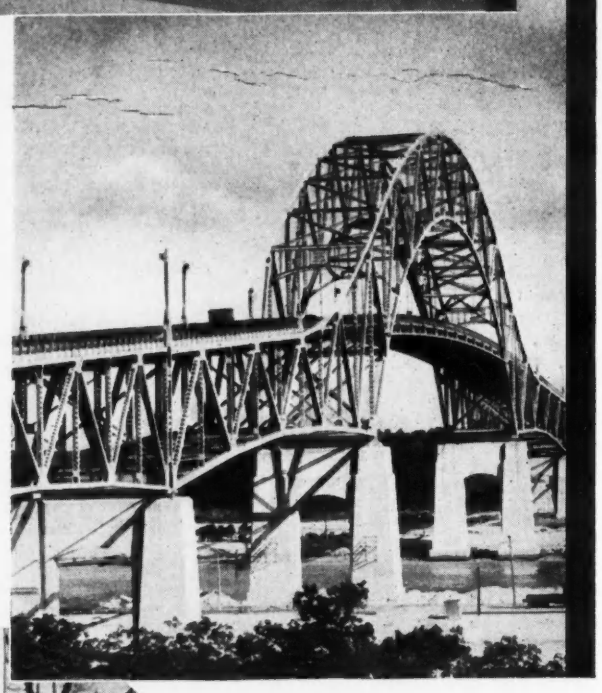

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"TITANOX"-C (Titanium Calcium Pigment)
"TITANOX"-L (Lead Titanate)
"TITANOX"-M (Titanium Magnesium Pigment)

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"TITANOX"-L gives its best performance in formulations which must withstand all conditions of weathering and wear—such as porch and deck enamels, structural paints, exterior house paints and enamels. Though it is one of the more recent additions to the "TITANOX" group, its excellence has been demonstrated so conclusively by manufacturers everywhere that it may now be called the "Guardian of Exterior Tinted Paints."

TITANOX
TRADE MARK

Paint, Varnish, Lacquer Materials

Snow and Cold Weather Halts Brief Period of Activity—Rosin And Turpentine Quiet—Casein Reduced Again —Putty Prices Cut Here

Raw materials used in the manufacture of paint, varnish and lacquer products appeared to be swinging into seasonal activity up until the middle of last week when a wave of cold weather that was almost nation-wide in scope handicapped the market. Snows along the Atlantic seaboard and in Middle-Western States forced an abrupt halt to an earlier ten-day period of briskness. Another reduction in prices for domestic casein was one of the few price developments of the week. The most drastic price movement was uncovered in the local putty market, where sharp competitive selling demoralized the price structure that had been in effect for about 15 months.

The credit situation was the center of very close attention. Collections are very slow and credit managers have been tightening up on allowances.

Rosin and turpentine were quiet last week, the opening of the new season and the fact that the government loan to producers became effective, failing to bring about any change in the attitude of consumers and dealers. Variations in quotations were generally moderate. Receipts were rather liberal as weather conditions were mainly favorable.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Rosin, gum, 5c. to 10c. per 280 lbs.

Reduced

Casein, dom., ½c. per lb.
Putty, all grades, 15c. to 65c. per 100 lbs.
Rosin oil, 2c. per gal.
Turpentine, gum, ¾c. per gal.
Zinc, slab, $3 per ton.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
130.4	**130.4**	**130.4**	**133.8**

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Lead prices held an even position under very light trading last week. The market was 4.35c. per pound at East St. Louis and 4.50c. to 4.55c. per pound at New York. World lead output in February was 147,295 tons against 161,036 tons in January, according to the American Bureau of Metal Statistics. Lead stocks of United States smelters and refiners on March 1 were 216,070 tons against 211,087 tons on February 1 and 228,285 tons on March 1 last year.

Slab zinc prices were lowered to 4.15c. per pound, basis East St. Louis, at the outset of the week. This was a drop of 10 points from the preceding week's close. Because of the increase in freight rates that recently went into effect, the differential between the East St. Louis zinc price and the nominal price at New York has been increased to 2/5c. per pound or 40 points. Domestic zinc stocks increased 9,871 tons during March from 108,138 tons to 118,009 tons, according to the American Zinc Institute. The March production was 43,399 tons against 41,146 tons in February and 53,202 tons in March last year. Shipments in February were 33,528 tons against 21,540 tons in February and 59,635 tons in March last year.

Lead.—Prevailing sopt prices at New York, East St. Louis and London for the period from April 2 to April 8, inclusive, were as follows:—

	Pigs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0450@.0455	$0.0435	.. .. ..
Monday	.0450@.0455	.0435	15 18 9
Tuesday	.0450@.0455	.0435	15 12 6
Wednesday	.0450@.0455	.0435	15 8 9
Thursday	.0450@.0455	.0435	15 5 0
Friday	.0450@.0455	.0435	15 12 6

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from April 2 to April 8, inclusive, were as follows:—

	Slabs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0465	$0.0425	.. .. ..
Monday	.0455	.0415	13 12 6
Tuesday	.0455	.0415	13 10 0
Wednesday	.0455	.0415	13 8 9
Thursday	.0455	.0415	13 7 6
Friday	.0455	.0415	13 13 9

Pigments

Cold temperatures and snows over a large part of the country had a braking effect upon the movement of pigment materials from producers' hands into the grinding mills. For a period of about ten days or so, it appeared as though the market was swinging into seasonal activity, but the inclemency of the weather slowed things up during the latter part of last week. There were no changes reported in prices for materials included in this group.

White Lead. — The prices continued at the levels established some weeks back and the fundamental position of the market seemed quite firm. The demands were not so broad as they were a week ago, having been slowed down by the cold weather and unseasonal snows in the East, Mid-West and Southwest.

Red Lead. — Manufacturing consumers had been ordering out supplies in good fashion for a brief period but last week's trade was considerably smaller, perhaps because of the weather conditions. Prices held an even position, reflecting the base metal's status.

Litharge. — In company with other lead oxides, there was a distinct drop in trade at last week's half-way mark. For some ten days previous, the market had been favored with a welcome spurt of activity. There have been no changes in barrel prices for some weeks.

Lithopone. — Sellers reported a slight moderation of demands in the final part of the week, but deliveries against contracts during April to date were believed to have been much larger than those for the corresponding period in March. The price situation continued steady and unchanged.

Titanium Pigments. — The recent lift of activity was maintained throughout last week. Prices for titanium dioxide and the compound pigments continued unchanged.

Zinc Oxide. — The drop in the price of prime Western metal last week did not affect the position of oxides. The demands were mildly active during the week, perhaps a little bit slower than in the preceding week.

Fillers and Extenders

Many of the larger buyers of fillers, extenders and mineral whites that are sold on an f.o.b. mill basis stocked up for their April wants in advance of the recent freight rate increase and as a result there has not been much tonnage business in the market during the past two weeks. The smaller buyers were a little more active than previously.

Charcoal. — As reported previously, the sellers of powdered softwood material were absorbing the freight rate increase and continued to quote the delivered prices that have been in force for some time.

Putty. — An outbreak of competitive selling has demoralized the price structure. Toward the close of last week commercial grade was offering locally at $2.50 per 100 pounds in any quantity while the raw linseed oil grade was available at $4 per 100 pounds. Refined linseed oil putty was quoted at $5 per 100 pounds and the standard grade putty was quoted anywhere from $3 to $3.50 per 100 pounds. These prices were off sharply from the schedule which had been in effect since January, last year.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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Acetic Acid
Glacial - U.S.P. - Reagent
Acetaldol
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Dry Colors

Chemical colors were slow moving commodities last week. Sellers of earth colors also reported a slow and dragging market. The color trade did not have much of a share in the improved purchasing rate of the paint, varnish and lacquer industry, which had appeared as though it was moving into seasonal proportions until last week's cold weather handicapped trade. Carbon black did not undergo any further change in price or position. Prices for colors were without a reported change during the week.

Carbon Black.—The increase in rail freights was passed on to the buyers last Monday. There has been no change in basic prices and while sellers have an opportunity to raise the contract price levels at the end of June it appears from current indications that the probability of an upward price adjustment at that time is quite remote. The current car lot schedule for standard grade blacks is as follows:—Zone A, 2.75c. per pound; Zone B, 3.10c. per pound; Zone C (50,000 pound cars), 3.19c. per pound (30,000 pound cars) 3.35c. per pound; Zone D, 3¼c. per pound; Zone E, 3.41c. per pound; Zone F, 3¾c. per pound; and Zone G, 2.90c. per pound (f.o.b. New Orleans), 3c. per pound, f.o.b. Mexican border.

Chrome Yellow.—The market has not had any unusual features since last reviewed here. The demands against contracts have improved somewhat but were still described as being slow. Prices were unchanged.

Iron Oxides.—The demands for natural and synthetic oxides have been mild. The paint industry's needs were broadening up until the middle of last week when cold weather handicapped things.

Tuscan Reds.—The deliveries have been rather light albeit there has been some seasonal increase over the earlier part of this year.

Varnish Gums

Foreign shippers of natural resins did not send very many cables to their representatives here and there were no changes in price contained in the cables from the replacement market. The decline of Batavia dammar prices was halted, at least temporarily. The demands of the market continued light.

Copals.—There have been no changes reported from the replacement market for the past two weeks. The demands of buyers here have been light but the small volume of business placed has not had any weakening affect upon the market.

Dammars.—For the first time in the past few weeks, the replacement market prices on Batavia goods have been free from decline. The recent reductions in price have not stimulated purchasing to any extent as the market was described as having been slow last week.

Synthetic Resins

Manufacturers did not report any change in prices last week. The ester gum market was still in a highly competitive position but the prices have not moved any lower than the 7¼c. to 7¾c. per pound basis that was reported here a week ago.

Naval Stores

The first week of the new naval stores season was a quiet one. The government loan to producers became operative but this failed to stimulate interest on the part of domestic or foreign buyers to any noteworthy extent. In the local market inquiries were not entirely lacking, but in view of recent developments in various other commodities as well as securities, consumers and dealers were not inclined to depart from a cautious policy in making purchases.

Sales of both rosin and turpentine in Southern markets as revealed in the daily official returns from Savannah and Jacksonville were very light and according to some reports current in trade circles here transactions on private terms did not involve important quantities. The export inquiry for rosin continued to be reported as quiet, buyers abroad being disposed to hold off for further developments in the markets of this country.

Receipts of rosin in the three principal markets in the South during the season ended March 31 were about 100,000 barrels smaller than in the previous season but stocks at the close of the year exceeded the holdings at the previous year-end by 25,000 barrels. Turpentine receipts in the three markets during the past season were about 5,000 barrels smaller than in the pre-

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INDUSTRIAL **CLAYS**
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"EVANS CLAY"
Especially suitable for vegetable and mineral oil - decolorizing and deodorizing. 16/30, 30/60, 60/90, 16/60 and 200 mesh available in less than carlots at our Trenton warehouse.
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Ultramarine Blues
Alkali Blue Toners
Methyl Violet Toners
Blanc Fixe
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STANDARD ULTRAMARINE COMPANY
HUNTINGTON, W. VA.

Shawnee DRY COLORS
"Color Content Guaranteed"
Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Lake Colors
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KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents In Principal Cities
Distillers of Coal Tar Products

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The best built mixer in the market. Made in two sizes.
Write for Quotation
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vious year and stocks at the close of last season were about 24,000 barrels less than at the end of the previous season. Marketing during the first week of the new seaosn was rather liberal as the weather over much of the South was favorable for production and shipping.

Turpentine. — The tendency of local prices was downward at times in company with the course of quotations in the South where sales were light. Quiet conditions prevailed here, interest on the part of consumers and dealers being limited to small lots to fill current needs. Primary receipts were comparatively liberal.

SAVANNAH, Apr. 8.—The turpentine market had a steady undertone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Saturday...	23¾	72	342	627	23,536
Monday....	23¾	22	251	115	23,472
Tuesday....	22½	101	416	107	23,781
Wednesday.	23	105	419	31	24,169
Thursday ..	23¼	77	482	263	24,386
Friday	23¼	92	211	144	24,876

JACKSONVILLE, Apr. 8. — Turpentine was quiet and steady. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Saturday...	23¾	180	326	...	7,073
Monday....	23	...	251	25	7,299
Tuesday....	23	...	203	...	7,502
Wednesday.	23	41	122	1	7,623
Thursday ..	23	...	213	40	7,796
Friday	23¼	6	260	10	8,046

PENSACOLA, Apr. 2.—Turpentine receipts were lighter. Following is a record of the market for the week:—

	Barrels Re-ceipts.	Ship-ments.	Stocks.
Monday	184	...	22,528
Tuesday	80	...	22,608
Wednesday	70	82	22,596
Thursday	87	...	22,683
Friday	65	121	22,627
Saturday	132	407	22,352

CHICAGO, April 8. — The turpentine market continues quiet and rather depressed in tone. Feeling seems to be somewhat unsettled. Ruling prices at the close of business last night were: Five-drum lots, 30c. per gallon; five wood barrels, 35c.; single drums, 33c.; single barrels, 38c.

LONDON, Apr. 8.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	31	0
Monday	30	9
Tuesday	30	9
Wednesday	30	6
Thursday	30	6
Friday	30	6

Stocks of American turpentine in London were:—

	April 8.	Previous week.	Last year.
Barrels	28,563	29,125	19,739

Rosin.—Price movements here were generally within comparatively narrow limits in the absence of wide changes in quotations in the South where the tone of the markets was steady or firm. Business here was quiet much of the time, such transactions as were noted being limited to unimportant quantities. Sales in Southern markets to domestic and foreign buyers were light.

SAVANNAH, Apr. 8.—Changes in rosin quotations were generally moderate. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
D	3.75	4.00	3.80	3.70	3.70	3.70
E	4.00	4.00	3.85	3.75	3.70	3.80
F	4.70	4.70	4.80	4.75	4.75	4.75
G	4.90	4.90	4.85	4.75	4.75	4.80
H	4.90	4.90	4.85	4.75	4.75	4.80
I	4.90	4.95	4.85	4.75	4.77½	4.80
K	4.90	4.95	4.85	4.75	4.77½	4.80
M	5.00	5.00	4.90	4.80	4.80	4.85
N	5.35	5.35	5.30	5.20	5.20	5.25
WG	5.85	6.05	6.05	6.00	6.00	6.00
WW	6.50	6.50	6.50	6.50	6.50	6.50
X	6.50	6.50	6.50	6.50	6.50	6.50
Sales	253	650	648	442	433	368
Receipts...	2,082	1,057	1,594	1,892	938	1,320
Shipments.	3,073	115	3,451	303	73	24
Stocks ..	63,378	64,320	62,643	64,052	64,917	67,892

JACKSONVILLE, Apr. 8.—The rosin market had a firm undertone. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$3.50	$3.50	$3.50	$3.50	$3.50	$3.50
D	4.00	4.00	3.85	3.70	3.65	3.70
E	4.00	4.00	3.85	3.75	3.70	3.80
F	4.70	4.70	4.85	4.70	4.65	4.75
G	4.90	4.90	4.85	4.75	4.70	4.77½
H	4.90	4.90	4.85	4.75	4.75	4.77½
I	4.90	4.95	4.85	4.75	4.77½	4.77½
K	4.90	4.95	4.85	4.75	4.77½	4.77½
M	5.00	5.00	4.00	4.80	4.80	4.80
N	5.35	5.35	5.30	5.20	5.20	5.25
WG	6.05	6.05	5.90	6.00	6.00	6.00
WW	6.50	6.50	6.50	6.50	6.50	6.50
X	6.50	6.50	6.50	6.50	6.50	6.50
Sales	158	292	389	405	100	26
Receipts...	817	925	481	823	1,210	565
Shipments.	...	2,167	50	50	101	157
Stocks ..	59,033	57,791	58,582	59,355	60,464	60,607

PENSACOLA, Apr. 2.—The rosin market was quiet. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts..	398	223	250	339	254	307
Shipments	475	...	300	...	785	100
Stocks ..	14,237	14,460	14,410	14,749	14,218	14,425

CHICAGO, April 8.—Conditions in the rosin market continue rather depressed. Buying is not active, and most buyers are taking their time and restricting their takings to what apparently are the bare minimums. Ruling prices at the close of business last night were: B grade, $6.50 per lot of 280 pounds; G grade, $7.85; M grade, $7.90; W. W. grade, $9.50.

LONDON, Apr. 8.—Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common. s.	d.	W.W. s.	d.
Saturday	13	10½	17	9
Monday	14	7½	18	3
Tuesday	14	7½	18	3
Wednesday	14	7½	18	3
Thursday	14	7½	18	3
Friday	14	5½	18	0

Pine Oil.—The market retained a steady tone, quotations being held at the levels prevailing in the previous week. No broadening of trade was noted.

Pitch. — Quotations were generally held at former levels and the tone of the market apparently remained steady. There was a fair movement into local and outside consuming channels.

Rosin Oil.—The tone continued easy, local quotations being reduced 2c. per gallon. There were reports of a somewhat better inquiry for spot material.

Tar.—A steady tone prevailed. There was a fair movement on contracts but new business was reported as quiet.

Shellac

While open quotations on the spot laiked quotable change, it was clear that most of them were soft and subject to shading according to conditions and events prevailing at any given time. The absence of sustained trading in volume sufficient to create strength in market undertones accounted for the presence of unsettled values and a general unsettlement beneath the surface of what otherwise appeared to be a calm market. However, the ability of sellers to shade was controlled and regulated by the well stabilized position of the Calcutta and London quotations. Throughout the past week, cables showed little important change in values in the foreign markets. Locally, trade was quiet and light, consisting mainly of small but prompt requirements. Until further potice, representatives of Calcutta shippers will not put out any cabled prices on Saturdays.

Calcutta, Apr. 8.—Shellac quotations, on the landed New York basis, ex dock net cash, were as follows:—

	Per pound— April 8.	April 1.
April.....	10c.	10½c.

Day-to-day quotations were as follows:—

	Per pound.
April 1.....	10½c.
April 2.....	No cables
April 4.....	10c.
April 5.....	10c.
April 6.....	10c.
April 7.....	10c.

London, Apr. 8.—Prices quoted on pure T. N. shellac, basis of sterling exchange at $4.88, were as follows:—

	April 8— Shillings. Cwt.	Cents. lb.	April 1— Shillings. Cwt.	Cents. lb.
May	39	8.5	40	8.7
August ..	40½	8.8	41¼	9.0

Day-to-day closing prices were as follows:—

	Per hundredweight— May.	August.
April 1.....	40s ..	41s 3d
April 2.....	No cables	
April 4.....	40s ..	41s 3d
April 5.....	40s ..	41s 3d
April 6.....	39s 6d	41s ..
April 7.....	40s ..	41s 3d

Lacquer Materials

The market for various lacquer materials and solvents continued along quiet lines again last week. Sellers continue to adhere to quotations prevailing the preceding period. Manufacturing consumers were not inclined to order out beyond immediate requirements, reflecting the lower operating schedules in major consuming industries. Automobile production last week recorded a nominal increase at 57,500 units, compared with 56,900 units the preceding week and 97,710 units in the corresponding period a year ago.

Acetone.—Business was restricted in this direction last week. The moderate call could be attributed to lower operating schedules in plastic industry and other consuming channels. Prices ruled unchanged. February exports totaled 788,268 pounds, valued at $48,271, of which 97,658 pounds went to Belgium; 1,432 pounds to Finland; 10,080 pounds to Lithuania; 53,078 pounds to the Netherlands; 55,360 pounds to Sweden; 120,061 pounds to the United Kingdom; 63,112 pounds to Canada; 4,650 pounds to Panama Canal zone; 4,763 pounds to Mexico; 1,440 pounds to Cuba; 13,360

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

ORGANIC AND INORGANIC
PIGMENT
COLORS
IMPERIAL
PAPER AND COLOR CORPORATION
PIGMENT COLOR DIVISION
GLENS FALLS, NEW YORK

Branch Offices and Warehouse Stocks:
PHILADELPHIA—BALTIMORE—CINCINNATI—ST. LOUIS
NEW YORK — DETROIT — DALLAS — SAN FRANCISCO
PITTSBURGH — CHICAGO — LOUISVILLE — TORONTO
BOSTON — LOS ANGELES — SEATTLE — CLEVELAND

THE LARGEST MANUFACTURERS OF CHEMICAL PIGMENT COLORS IN AMERICA

ROSBY
STEAM-DISTILLED
DIPENTENE
CAREFULLY REFINED CLOSELY FRACTIONATED

Typical Analysis:
Specific Gravity (15.5°) 0.8506
Refractive Index (20° C) 1.4737
Unpolymerized Residue 1.2%
A.S.T.M. Distillation:
1st drop 170.0° C.
5% 174.6
50% 176.3
95% 179.2

CROSBY NAVAL STORES COMPANY
Picayune, Mississippi

pounds to Argentina; 14,420 pounds to the Netherland East Indies; 323,760 pounds to Japan; 3,500 pounds to the Philippine Islands; 5,760 pounds to Australia, and 11,160 pounds to the Union of South Africa.

Dibutyl Phthalate. — Another quiet week was the rule in the market. Consumers were adhering to a hand-to-mouth buying policy for immediate requirements only. Prices continued steady to firm.

Isopropyl Acetate. — Little improvement from the quiet conditions prevailing heretofore were uncovered in the market last week. Sellers were adhering to quotations previously in force.

Methyl Acetate.—The call continued spotty throughout the week just closed. Quotations were unchanged.

Driers

The stearate market did not show much of a change from its position of a week ago. There has been a slight lift in the number of orders received but the size of individual orders remains small. Prices were steady and as reported previously the contract prices for the second quarter of the year were extended from those that prevailed through the first quarter.

Glues and Binders

Casein.—Prices for domestic material continued downward. The car lot prices were lowered ½c. per pound again last week bringing the market down to 7c. per pound for 20-30 mesh and 7½c. per pound for 80-100 mesh, both delivered. There is little demand from the paper centers these days. Flush season production is adding to the carryover of stocks through the Winter months.

STEARATES
ZINC STEARATE
CALCIUM STEARATE
ALUMINUM STEARATE
MAGNESIUM STEARATE
Stocks at
• NEW YORK
• CHICAGO
• ST. LOUIS
• KANSAS CITY
• DES MOINES
• LOS ANGELES
• SAN FRANCISCO
• NEW ORLEANS
FRANKS CHEMICAL PRODUCTS CO.
BLDG. 9, BUSH TERMINAL — BROOKLYN, N.Y.

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Made in all sizes from 1 to 70 gallons.
Write for information and prices.
THE F. C. THORNTON CO.
6712 Union Avenue Cleveland, Ohio

N.P.V.L.A. Discusses Federal Legislation

—*Continued from page* 5

August 26-28 and reports from the scientific section on publications issued and work in progress were also heard. The committee also heard a number of letters read from tung oil importers which indicated that there was no immediate shortage of tung oil supplies.

New members admitted into the association include:—The Charles Goldschmidt Company, Chicago; the Eastman Kodak Company, Rochester, N. Y.; the Allen Whitfield Paint & Glass Company, Nashville; Best Paint Stores, Inc., Columbus, Ohio; Century Paints Inc., Columbus, Ohio; the Eason, Morgan Company, Nashville; Miller Wall Paper Company, Louisville; Phillips & Quarles Hardware Company, Nashville; and the Nashville Wall Paper & Paint Company, also of Nashville.

A breakfast meeting of the budget and finance committee preceded the executive committee meeting. Those who attended the latter were:—E. A. Foy, Jr., of the Foy Paint Company, Cincinnati; M. L. Havey, of the New Jersey Zinc Company, New York; J. E. Ingram, of the Pittsburgh Plate Glass Company, Pittsburgh; D. A. Kohr, of the Lowe Brothers Company, Dayton, Ohio; de Lancey Kountze, of the Devoe & Raynolds Company, this city; George A. Martin, of the Sherwin-Williams Company, Cleveland; S. R. Matlack, of George D. Wetherill & Co., Philadelphia; J. Vincent Reardon, of the Reardon Company, St. Louis; Wayland W. Rice, of the U. S. Gutta Percha Paint Company, Providence; Harold Rowe, of the National Lead Company, this city; F. L. Sulzberger, of the Enterprise Paint Manufacturing Company, Chicago; Charles J. Roh, of the Murphy Varnish Company, Newark; H. E. Webster, of Pratt & Lambert, Inc., Buffalo; William Zintl, of E. I. du Pont de Nemours & Co., Wilmington; D. W. Figgis, of the American Can Company, this city; William Richter, of E. I. du Pont de Nemours & Co., Wilmington, and Ernest T. Trigg, Harry A. Gardner, M. Q. McDonald and Reuel W. Elton, of the association staff.

Paint Brush Industry Prepares Trade Rules

—*Continued from page* 4

which contain additional materials; disclosure of adulterants by stamping on the handles; false invoicing; inducing breach of contract; shipping of goods which do not conform with samples or specifications; purchasing of competitors' lines of goods for the purpose of introducing a new line; commercial bribery; imitation of trade-marks; use of the word, "free," where an article is not free; shipping of goods on consignment or pretended consignment for the purpose of artificially clogging trade outlets and unduly restricting competitive use of such outlets; use of loss leaders; discriminatory rebates, refunds, discounts, credits, and other price differentials, and discriminatory return privileges.

The group II rules deal with return of merchandise by consumers for credit or refund without just cause; repudiation of contracts; distribution to the industry of information of delinquent or slow accounts, and filing of trade-marks with some agency designated by the industry.

The commission is expected to distribute the proposed rules to the industry for comment as soon as the controversial points in the suggested rules can be ironed out.

Twenty representatives of the industry were present at the Atlantic City conference, which was presided over by George McCorkle of the F.T.C. trade practice section and W. B. Snow, a commission attorney.

N.Y. Paint Production Club To Meet April 14

The New York Paint and Varnish Production Club will hold its April meeting at the Building Trades Employers' Association, 2 Park avenue, this city, April 14. Dinner will be served at 6:30 o'clock. The program committee has arranged for talks by John Murphy, of the Standard Varnish Works, who will discuss health at the plant; B. M. Halpern, vice-president of the Bramley Machinery Corporation, who will talk on the Bramley mill; and N. D. Huff, personnel director of the Ford Instrument Company, who will speak on personnel problems.

Wetherill Co. Buildings Swept by Fire April 6

A spectacular four-alarm fire wrecked the factory of George D. Wetherill & Co., white lead manufacturer, Philadelphia, Pa., April 6. Several firemen were injured. Samuel R. Matlock, president of the Wetherill company, was unable to assign a cause for the fire.

Felton Chemical Co. Opens Pacific Coast Branch

The Felton Chemical Company, with general offices and plant at 599 Johnson avenue, Brooklyn, has opened a direct factory and sales branch at 4727 West Washington boulevard, Los Angeles, Calif. This West Coast branch will be under direct company management, with Robert E. Felton in charge of sales. Mr. Felton will contact the perfume and flavoring consuming trades in and about Los Angeles and Southern California. Philip A. Weinrobe will cover San Francisco and the northern part of the State, and also Washington and Oregon. Ample stocks of all Felton products will be carried at the new branch.

Independent Manufacturing Company, fertilizer producer and renderer, Philadelphia, suffered a moderate loss from a fire in the company's plant, April 2.

CAMELINE CALCITE
Calcium Carbonate
Pure White
Dry Ground 325 Mesh
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Filler for Rubber, Insulation, Linoleum, Paint, Pigments, Plastics, etc.
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Towson, Baltimore, Maryland

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CUTS PAPER SHIPPING STENCILS
A. J. Bradley Mfg. Co.
101 Beekman Street New York

mineral pigments
NATURAL AND SYNTHETIC
PURE CHROMIUM OXIDES
are
STRONG - INERT - PERMANENT
C. K. WILLIAMS & COMPANY
EASTON-PENNSYLVANIA

BE SURE··
··YOU GET
"Flowed-In"
GASKETS
IN THE PAILS
YOU BUY
DEWEY & ALMY CHEMICAL CO.
CAMBRIDGE MASS.

Oils, Fats, and Waxes

Menhaden and Sardine Oils Again Reduced by Refiners—Further Decline in Coconut Oil—Tallow Weaker—Moderate Changes In Cottonseed Oil Futures—Palm Oil Easier

Business in miscellaneous oils, fats and greases continued quiet and the tone of the general list remained easy. Quotations on various edible and technical products were again reduced as competition among sellers was still keen in the absence of any change in the attitude of consumers many of whom were still inclined to adhere to a hand-to-mouth policy in purchasing operations. An upturn in lard futures at Chicago was generally regarded as temporary and due mainly to severe winter weather in the West which checked marketing of hogs.

Chinawood oil remained easy and quotations on oiticica were again shaded. Coconut oil weakened, prices for both crude and refined being reduced. Copra was reported as steadier abroad late in the week. Soybeans were sharply lower and the market for soybean oil had an easy tone. Palm oil was available at concessions on spot and for shipment. Menhaden and sardine oils were reduced further by refiners, the weakness being a reflection of the trend of various other commodities. Lard, neatsfoot and tallow oils were steady at recently reduced levels. Stearin was available at lower prices. Cash lard was irregular in company with futures in the West, changes in prices generally being moderate. Tallow was lower under somewhat freer offerings.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Lard, 20c. to 30c. per 100 lbs.

Reduced

Babassu oil, ¼c. per lb.
Chinawood oil, ¼c. per lb.
Coconut oil, crude, ¼c. per lb.
Coconut oil, refined, ¼c. per lb.
Copra, 1-20c. per lb.
Corn oil, ⅛c. to ¼c. per lb.
Cottonseed oil, imported, ¼c. per lb.
Grease, ¼c. per lb.
Lard compound, 25c. per 100 lbs.
Menhaden oil, refined, 4-10c. per lb.
Oiticica oil, ¼c. per lb.
Olive oil, denatured, 2c. per gal.
Olive oil foots, ¼c. per lb.
Palm oil, ⅛c. to ¼c. per lb.
Palm kernel oil, ⅛c. per lb.
Peanut oil, ⅛c. to ¼c. per lb.
Rapeseed oil, 2c. per gal.
Sardine oil, refined, 4-10c. per lb.
Sardine oil, crude, 6c. per gal.
Stearin, ¼c. per lb.
Tallow, ¼c. per lb.
Teaseed oil, ½c. per lb.
Walnut oil, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
112.6	**114.5**	**120.4**	**156.2**

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Chinawood.—An easy tone continued to prevail in domestic markets in the absence of any material change in the situation abroad or in the attitude of consumers here. Spot quotations were shaded ¼c. by some sellers but this failed to stimulate interest in the situation on the part of consumers, especially as the trend of various other commodities was still downward. Quotations on oil for shipment from Hongkong appeared to be about in line with prices ruling here and on the Pacific Coast for spot oil and there seemed to be no scarcity of material in the hands of primary market shippers. For oil in tankcars 11c. per pound was generally quoted here but it was said to be possible to shade this figure on a bid though no transactions were reported at a lower level.

From a recent visit to the American tung tree belt, C. C. Concannon, chief of the Commerce Department's Chemical Division, learned that the 1938 crop is expected to yield in the neighborhood of 20,000,000 pounds of nuts. If this estimate is attained it will be equivalent to approximately 4,000,000 pounds of oil. The crop is said to be out of danger in most sections from frost damage.

Coconut.—The trend of quotations was still downward, both crude and refined oil being shaded ¼c. per pound. Business in crude oil continued slow. Occasional inquiries were noted but the downward trend of competing products made many consumers still disposed to hold aloof and await further developments. Offerings of copra were reported as very light, as a result of the recent decline in prices here, and late in the week the tone of the London market for copra was steadier but there was not sufficient change in the situation to find any reflection in the domestic markets for oil.

Corn.—With the trend of competing products in some cases still downward, the market for corn oil had an easier tone. Quotations were shaded ⅛c. to ¼c. but offerings continued light and prices were more or less nominal. Trade was quiet.

Cottonseed.—Edible oil was steady, quotations being maintained by refiners at former levels. There was a fair demand from local and outside buyers. Foreign semi-refined oil was easier, offerings being noted at 4.60c. for Brazilian, 4.70c. for Japanese and 4⅝c. for British, c. i. f.

Oiticica.—The market had an easy tone, this being a reflection of recent developments in competing product. Trade remained quiet and quotations were shaded ¼c. though there was no pressure of offerings on spot or for shipment.

Olive.—There were reports of a somewhat better inquiry for denatured oil but transactions were generally limited to unimportant quantities and the tone of the market was easier, offerings being reported at further concessions. Demand for foots was quiet and the market had an easier tone.

Peanut.—The markets were quiet and quotations were shaded ⅛c. to ¼c. per pound the easier tone being attributed to the downward trend of various other commodities. Offerings were reported as light.

Trading in shelled peanut futures on the New York Produce Exchange from April 2 to April 8, inclusive, comprised 9 contracts, a total of 270,000 pounds. Following is a price record for the week:—

	Cents per pound— High.	Low.	Close.
May	5.65	5.60	5.55@5.65
June	5.75	5.71	5.55@5.67
July	5.70	5.70	5.71 sale
December	5.65	5.65	5.57@5.61

Perilla.—Demand continued quiet but offerings were generally light and the market was steady at the recent decline. Stocks in some quarters appeared to have diminished.

Rapeseed.—Quotations on denatured oil were reduced 2c. offerings being noted at 86c. per gallon on spot, with the same figure named for shipment. The inquiry was light. Shipments of seed from India to the United Kingdom and the Continent from January 1 to March 23 were 10,100 tons against 16,900 tons in the same time last year.

Soybean.—A sharp decline occurred in soybeans on the Chicago Board of Trade and the tone of the market for soybean oil here was apparently easy. Trade was quiet, the downward trend in various other commodities making consumers disposed to hold off.

Teaseed.—Quotations were shaded ½c. per pound, the market being steady at the lower level. Buying interest was apparently limited to small or moderate quantities.

Markets at Other Centers

Chicago, Apr. 8.—Tone in the general vegetable oil market seems to have steadied after recessions recently noted in prices. However, there is little strength to the market, and sellers are experiencing no great demand for most grades of material.

COCONUT.—Coast basis, April-forward, tanks, 3c. to 3¼c. per pound. Refined, edible oil, 9¼c. to 9½c. per pound, barrels, car lots; and 9¾c. to 10c., barrels, less than car lots.

CORN.—Crude, low acid, 7⅛c. to 7¼c. per pound, partly nominal. Refined, edible oil, 10c. to 10¼c. per pound, car lots; and 10¼c. to 10½c., barrels, less than car lots.

PEANUT.—Crude, 7c. to 7¼c. per pound.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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SOYBEAN.—Crude, mills, 5¾c. to 6c. per pound.

The market for soybeans on the Chicago Board of Trade was weak, the trend of prices being downward much of the time under general selling on bearish developments in wheat and other commodities. On Wednesday soybean prices dropped 4c. per bushel, the maximum decline allowable on any one day under the trading rules. Since March 1 prices have fallen about 13c. to 14c. per bushel but the decline has failed to stimulate bullish sentiment. No. 2 cash beans sold on Wednesday at 91c. It is contended by some that the drop in prices will have the effect of further curtailing the next acreage. Receipts here during the week ended April 2 were 93,000 bushels against 87,000 bushels in the same week last year. Total primary receipts were 108,000 bushels against 120,000 bushels. Following is a price record per bushel, for the week:—

	High.	Low.	Closing April 8.	Closing April 1.
Cash, No. 2..	$0.98¾	$0.91	$0.91	$0.99
May	.99¼	.92½	.94	.99½
July	.96½	.90½	.92¼	.97¾
October	.93½	.87½	.88¼	.93¾

London, Mar. 31.—Soybean oil, British, crude, 23s. 6d. per hundredweight, palm kernel oil, refined, 27s. 6d.; rapeseed oil, crude extracted, 33s. 6d.; coconut oil, Ceylon, 20s. 3d.; peanut oil, Bombay crude, 22s. 6d.; sardine oil, 16s.; whale oil, crude, 14s.

San Francisco, Apr. 6.—Vegetable oils continued their downward course here last week in a comparatively quiet market.

CHINAWOOD.—Weak. Business was keenly competed for, with the result that one transaction of oil was reported in the neighborhood of 10.70c., tankcars, coast. Sellers are quoting today at 10¾c. per pound, in tankcars, f.o.b. Pacific coast ports. Arrivals of oil at San Francisco have been good lately.

COCONUT.—Easy. Quoted today on the basis of 3c. per pound, in tankcars, f.o.b. Pacific Coast ports and/or mills for delivery in nearby and forward positions. Deferred positions named at 2⅞c. Trading is light. Copra quiet and easier. Sellers at source are offering quantities to the local mills here at levels in the neighborhood of 1.80c. to 1.85c. per pound, c.i.f. Pacific Coast ports, but the response here is light. Some users here say these levels can be shaded slightly in the case of certain small odd lots. Buyers here are purchasing for replacement only, declining to take a view of the market.

COTTONSEED.—Japanese semi-refined oil is quoted on the basis of 7.60c. per pound in tankcars, duty paid, f.o.b. San Francisco for early shipment out of the Orient.

TEASEED.—Quoted on the basis of 6¾c. to 7c. per pound in tankcars, f.o.b. Pacific Coast ports, April/June shipment from the Orient.

Linseed Oil

Changes in flaxseed quotations generally moderate. Linseed oil, cake and meal steady.

Flaxseed—DULUTH, Apr. 8.—While trading in flax on the Duluth market is not yet in the active stages, it is waking up enough so that the trend is being watched by traders here. The opening of navigation is much nearer than was at first expected and that is the presumable reason why traders are sizing up the situation, for it is nearing the time when grain can move eastward.

The week's closing range was as follows:—

	Cash.	May.	July.
Saturday	$1.95	$1.95½	$1.95½
Monday	1.95½	1.95½	1.95½
Tuesday	1.94½	1.94½	1.94½
Wednesday	1.94	1.94	1.94
Thursday	1.94	1.94	1.94
Friday	1.94	1.94	1.94

MINNEAPOLIS, Apr. 8.—Demand for cash flax continued good from elevator and crusher buyers but on a delivery basis and was not wanted for immediate crushing. Only a part of one mill is operating locally so there is no need of any important amount of flax. There was no diversion point interest displayed and all of the movement is in the direction of this market. Average quality of the seed offered is rather poor. Only a few cars come from northern territory. Local public elevator stocks evened up for four days. Interior elevator stocks light and farm selling is scattered and unimportant.

Seeding operations through the northwest had a setback because of cold weather and snow. Quite a bit of snow fell in the Dakotas and Minnesota during the past few days and some fell in Montana. Favorable soil conditions are expected over a much wider area than usual. Compared with last year the outlook is very good. So far there has been no demand for local seed flax stocks.

The week's closing range was as follows:—

	Cash.	May.	July.
Saturday	$2.03	$1.99	$1.95
Monday	2.02½	1.98½	1.98
Tuesday	2.00½	1.96½	1.94
Wednesday	1.99	1.95	1.92½
Thursday	2.01	1.97	1.94
Friday	...	...	...

Crop movement in bushels as follows:—

	Receipts 1938.	Receipts 1937.	Shipments 1938.	Shipments 1937.
This week..	19,580	31,820	7,550	2,960
Since Sept. 1...	3,399,590	3,101,750	726,670	309,550

WINNIPEG, Apr. 8.—The flaxseed market was quiet. Prices moved in company with grain. The week's closing range was as follows:—

	Cash.	May.	July.
Saturday	$1.53½	$1.54½	$1.56
Monday	1.49	1.50	1.51½
Tuesday	1.46½	1.47½	1.49¾
Wednesday	1.46¾	1.47¾	1.49½
Thursday	1.47¼	1.48¼	1.49½
Friday	1.50⅜	1.51⅜	1.52⅞

BUENOS AIRES, Apr. 8.—Opening prices per bushel on April contracts were:—

	Last week.	Last year.
Saturday	$1.28⅝	$1.38½
Monday	1.26⅝	1.38¾
Tuesday	1.26⅜	1.39⅜
Wednesday	1.24⅝	1.34¾
Thursday	1.24½	1.34
Friday	1.24⅛	1.34½

Exports

To—	Bushels Last week.	Bushels Previous week.	Bushels Last year.
United States.....	370,000	63,000	1,335,000
United Kingdom..	.....	4,000	.....
Continent	283,000	173,000	402,000
Orders	783,000	8,000	1,106,000
Others	.....	300,000	414,000
Totals	1,436,000	548,000	3,257,000

Since January 1

To—	Bushels This year.	Bushels Last year.
United States.....	4,600,000	12,039,000
United Kingdom.....	566,000	472,000
Continent	8,546,000	7,013,000
Orders	4,866,000	9,578,000
Others	836,000	1,721,000
Totals	19,414,000	30,823,000

Visible Supply

	Bushels.
Last week.....	6,693,000
Previous week.....	7,087,000
Last year.....	7,874,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Bushels Previous week.	Bushels Last year.
United Kingdom..	284,000	156,000	60,000
Continent	20,000	.....	8,000
Others	.....	.....	20,000
Totals	304,000	156,000	104,000

HULL, Apr. 8.—Quotations on flaxseed were:—

	Per ton La Plata.	Per ton Bombay.
Saturday	£12	£13⅝
Monday	12⅛	13½
Tuesday	12	13¼
Wednesday	11⅞	13¼
Thursday	11⅞	13¼
Friday	11⅞	13¼

Linseed Oil.—Local quotations were maintained by crushers at the levels prevailing at the close of the previous week. The tone of the market appeared to be rather easy, however, in the absence of any broadening of trade, and it was said to be possible to shade quoted prices on a bid.

Withdrawals on contracts showed an increase and reports from outside points were of a similar nature. According to some in the trade the movement for the week would probably have been larger than it was but for the cold and stormy weather that prevailed in many parts of the country.

Demand for cash flaxseed was fairly active and offerings were well absorbed. The country movement was reported as light. Favorable reports continued to be received concerning prospects for the next crop. Additional moisture was received during the week. Reports regarding the outlook for the next crop in Argentina were also favorable, plowing having made good progress recently with the indications pointing to a full acreage.

Exports of flaxseed from Argentina last week showed an increase, but the movement was considerably smaller than in the same week last year. Since January 1 the exports to this country have amounted to only 4,600,000

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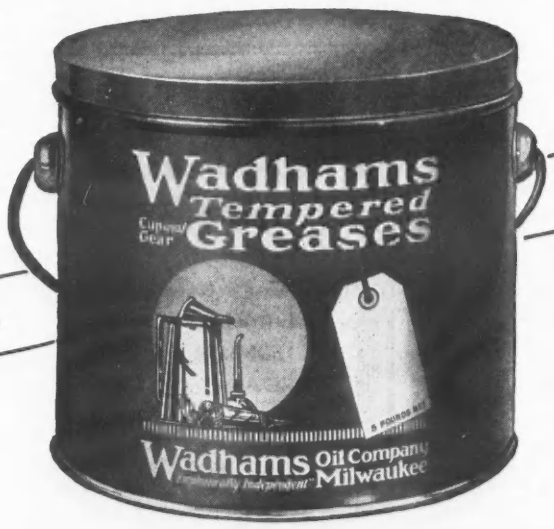

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bushels against 12,000,000 in the same time last season.

There was no trading in linseed oil future on the New York Produce Exchange from April 2 to April 8, inclusive. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
May	...	...	8.50 nom.
July	...	...	8.50 nom.

MINNEAPOLIS, Apr. 8.—Linseed oil trade seasonally should be broad and active but to the contrary is dull and thin. Buyers in the Northwest started to show interest in small lots but the weather turned cold and checked this buying. Larger buyers showed more interest but made very few trades. There has been just a little improvement in sentiment and outlook but there is room for a lot more of same. There is no interest shown in oil to be shipped later on. The small business being consumated concerns nearby or prompt shipment. Currently only 10 percent of capacity is turning.

Quotations on carload lots, f.o.b. Minneapolis, tankcar lots, 9.3c. per pound; cooperage car lots, 9.9c. per pound; warehouse lots, 10.3c. per pound.

Shipments of oil in pounds were as follows:—

	1938.	1937.
This week	1,860,800	1,529,302
Since Sept. 1	34,116,761	39,581,838

CHICAGO, Apr. 8.—Linseed oil business has been fairly good considering generally unsettling business conditions. Ruling prices of representative sellers are:—Tankcar, 9.3c. per pound; car lots, 9.9c.; less than car lots, 10.3c.

SAN FRANCISCO, Apr. 6.—Linseed oil prices dropped two points last week, the situation turning a bit easier. There is a routine spot turnover for small drum lots. Quoted:—Tankcars, 9.5c. per pound; drum lots ex mill, 10.1c.; drum lots, ex warehouse, 10.5c.

LONDON, Apr. 8.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	25	0
Monday	25	0
Tuesday	24	3
Wednesday	24	0
Thursday	24	3
Friday	24	3

Cake and Meal.—A steady tone prevailed, quotations being maintained at former levels. Offerings were reported as light throughout the week. There was some increase in the volume of export inquiries for cake. The movement of meal to domestic buyers was slow.

MINNEAPOLIS, Apr. 8.—The linseed meal situation is much like it was last week. Steady users of that particular concentrate buy freely and steadily and are inclined to keep a small reserve on hand on account of the lack of fresh output. There is virtually nothing being turned out currently and old reserves are very light. Shipping instructions on maturing contracts are prompt.

Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, $41 to $41.50 per ton.

Shipments of meal in pounds were as follows:—

	1938.	1937.
This week	968,860	3,191,560
Since Sept. 1	100,277,275	70,030,895

CHICAGO, Apr. 8.—Linseed meal has been holding up well. Late trend of weather has continued to keep the feeders in a fairly interested frame of mind. Ruling prices are:—Round lots, $42 per ton, largely nominal; car lots, $42 to $42.50; less than car lots, $44.50 to $45.

Cottonseed Oil

Refined cottonseed oil futures were irregular within moderate limits. Trading was fairly active. Southern markets were generally steady.

Cottonseed Oil. — Trading in refined oil futures was on a fair scale, although there was no snap to the dealings. On the contrary, not a few operators were still disposed to follow a conservative policy pending further developments in the general business and political situation. The trend of securities was upward at times but the action of that market was regarded by some as due mainly to technical speculative conditions rather than to any change for the better in the general underlying situation. Developments in political affairs at home and abroad were still more or less disturbing and reports concerning the trend in some important branches of American trade and industry were still quite the reverse of encouraging.

Prices showed irregularity. Changes were generally moderate, however, and to some the undertone of the market appeared to be steadier than was recently the case. Refiners and commission houses were buyers on soft spots. Recent short sellers in some cases covered. At times offerings of contracts were noticeably light. As in recent preceding weeks, hedging operations were on a small scale. Offerings of crude oil were reported as light throughout the week. The trend of lard futures at Chicago was upward at times and speculative sentiment there appeared to be more friendly for the time being at least to the long side, although some regarded this as due mainly to a decrease in marketing of hogs as a result of severe winter weather.

Receipts of hogs in the principal western centers for four days of the week aggregated 161,300 head against 178,200 head in the same time last year. The weight of the hogs received in Chicago during the week ended April 2 averaged 258 pounds against 259 pounds in the previous week and 261 pounds in the week before that. Stocks of lard in Chicago increased 1,592,785 pounds during the second half of March, making an increase for the month of 4,729,245 pounds against an increase of 10,520,303 pounds in the same month last year. Supplies of lard in that market at the close of March were 61,026,267 pounds, or 56,800,000 pounds less than at the same time last year. Stocks of refined American lard in Liverpool on April 1 were 1,463 tons against 1,364 tons a month earlier and 417 tons a year ago.

Reports from the South concerning the progress of farm work were conflicting. Late in the week freezing weather was reported in parts of Texas and Oklahoma. Rains retarded field work in some portions of the eastern belt. From various other parts of the cotton belt, however, favorable accounts were received.

Trading in bleachable prime summer yellow cottonseed oil futures on the New York Produce Exchange from April 2 to April 8, inclusive, comprised 877 contracts, a total of 52,620,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
May	8.35	7.89	8.17@8.20
July	8.21	7.79	8.07@8.09
September	8.15	7.78	8.02 sale
October	8.08	7.72	7.98 sale
Crude, Southeast.	.0687½@.0700 nom.		

Chicago, Apr. 8.—Fractionally easier prices have been ruling in cottonseed oil, with buyers still rather skeptical as to the stabilization possibilities at this point. Good, off-Summer, yellow fig oil is 8¼c. per pound. Refined, edible oil is 9¾c. to 10c. per pound, barrels, car lots; and 10c. to 10¼c., barrels, less than car lots.

Hull, Apr. 8.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	21	0	18	0
Monday	20	6	17	6
Tuesday	20	6	17	6
Wednesday	20	0	17	0
Thursday	20	0	17	0
Friday	20	0	17	0

Cake and Meal.—A steady tone prevailed in Southern markets. Meal futures showed irregularity but spot quotations underwent little change. Trade was reported as quiet so far as new business was concerned, the principal activity apparently being in the way of deliveries on contracts.

Markets at Other Centers

Atlanta, Apr. 6.—Slight weakness is reported in the cottonseed product market. As the fertilizer season draws to a close and the demand for meal in that field is dropping off, meal is reported to be available at $23 though scarce in this region.

Rains have favored land preparation. Planting is progressing in the coastal plain region while in the Piedmont where soils are heavier, the season is delayed more than usual and planting to any great extent is not expected until the last days of April and the first days of May.

Memphis, Apr. 8.—Crude cottonseed oil quiet throughout the week, very few sales being reported. Today 6¾c. bid and 7c. asked. Seed movement practically over for the season. Mills continue to report crude sold far ahead and it is believed that only higher prices will bring out selling in volume. Meal quiet but there has been very little pressure to sell, apparently indicating that the mills are comfortably sold ahead. Future market in pit advanced about 50 cents a ton during the week on practically all months and tendency still appears to be upward. Heavy rainfall throughout this section is delaying crop preparations.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	March 31.	April 7.
May	$20.00@21.00	$21.15@——
July	21.15@21.30	21.45@——
August	21.50@21.65	21.80@22.10
September	——@——	22.25@22.40
October	——@——	22.35@22.50

Fatty Acids

Capric Acid. — The tone continued steady, quotations being held at the levels prevailing in the previous week. Business lacked snap but the inquiry for moderate quantities was fair and the movement into consuming channels was sufficient to prevent any additions of consequence to supplies in the hands of sellers.

Coconut Oil.—Quotations were generally held at former levels and the tone of the market appeared to be steady although raw material continued easy in company with competing products. There was a fair inquiry from consumers in the soap, rubber and synthetic resin industries, the movement for the week apparently being up to that of recent preceding periods.

Cottonseed Oil.—In the absence of any material change in the position of basic material the market for cottonseed oil fatty acid continued to present a steady appearance. Makers of soaps, soap bases and synthetic resins showed little disposition to provide for future requirements in view of recent developments in the markets for raw materials of various kinds, but there was a fair movement on contracts and transient orders.

Perilla Oil.—The market for basic material had a steadier tone and there were no further developments in the way of price changes in perilla oil fatty acid. So far as new business was concerned the market was quiet but fair withdrawals were noted on contracts previously placed by makers of synthetic resins. Quotations were stationary.

Soybean Oil.—Raw material appeared to be easy in company with other commodities but the market for soybean oil fatty acid appeared to retain a steady tone, quotations being maintained at former levels. Supplies available for prompt delivery seemed to be comparatively small or moderate as production in some cases has been curtailed in recent weeks.

Stearic Acid.—Raw material was easy but stearic acid selling schedules were unchanged and the tone of the market appeared to be steady. There was little change in the character of business, consumers in the candle and cosmetic industries still being disinclined as a rule to purchase in advance of current needs.

Markets at Other Centers

Chicago, Apr. 8.—Fatty acids are ruling along slightly easier lines. Policy of buyers seemingly is to take out bare necessities and little more. They are on a hand-to-mouth basis to a great extent, and do not wish to alter this attitude. Inquiries for later deliveries are reported rather limited.

FATTY ACIDS.—Corn oil, double distilled, 7½c. to 8c. per pound, tankcar; 8c. to 8½c., barrels, car lots; 8½c. to 9c., barrels, less than car lots; coconut oil, acidulated, 8c. to 8½c. per pound, tankcar, mostly nominal; 8½c. to 9c., barrels, car lots; 9c. to 9½c., barrels, less than car lots; cottonseed oil, double distilled, 7¼c. to 7¾c., per pound tankcar; 7¾c. to 8¼c., barrels, car lots; 8¼c. to 8¾c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 2¾c. to 3c.; boiled down soap stock, 65 percent basis, 3¾c. to 4c.; cottonseed foots, 50 percent basis, 1¼c. to 1½c.

RED OILS. — Distilled or saponified, drums, 9½c. to 10½c. per pound; barrels, 9⅝c. to 10⅝c.

STEARIC ACID.—Distilled, single press, 10½c. to 11½c. per pound; double press, 11c. to 12c.; triple press, 13¾c. to 14¾c.; saponified, ¼c. higher.

Fish Oils

Menhaden.—The market remained in an easy possition, the tone being influenced by recent developments in the markets for other commodities and by the absence of any broadening of trade. Quotations were reduced 4-10c. per pound by refiners. There were reports of a fair inquiry but as in recent preceding weeks purchases were generally limited to small lots. Crude remained nominal.

Sardine. — The tone of the market here for refined oil continued easy, quotations being reduced 4-10c. per pound. Purchasing was limited to small lots for prompt shipment, many consumers being disinclined to provide for future requirements. Crude was easier on the coast, sales being reported at 40c. per gallon.

Sperm. — The market had a steady tone, quotations being maintained at former levels. There was a somewhat better inquiry for small or moderate quantities.

—Continued on page 59

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Excellent as a blend with red oil for textile soaps and can be used with red oil for most other applications required of red oil, including cutting oils, drawing compounds, soluble oils, pine scrubs, etc.

A blend of refined fatty acids, with the following specifications:

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Viscosity (Saybolt) @ 100° F.	300-400 Sec.	Acid No.	170-185
@ 210° F.	55- 65 Sec.	Saponification Value	170-185
Flash Point	350-385° F.	Color (Rosin Scale)	G-I
Fire Point	410-430° F.	Fatty Acid	55-65%, Average about 60%
Moisture	Practically None	Rosin Acids	28-35%, Average about 32%
Ash	Practically None	Sterols	6-10%, Average about 8%

LIQRO

A blend of crude pine fatty acids, with the following specifications:

Acid No.	150 to 160	Fatty Acids	35 to 45%
Rosin Acids	40 to 50%	Sterols	15 to 20%

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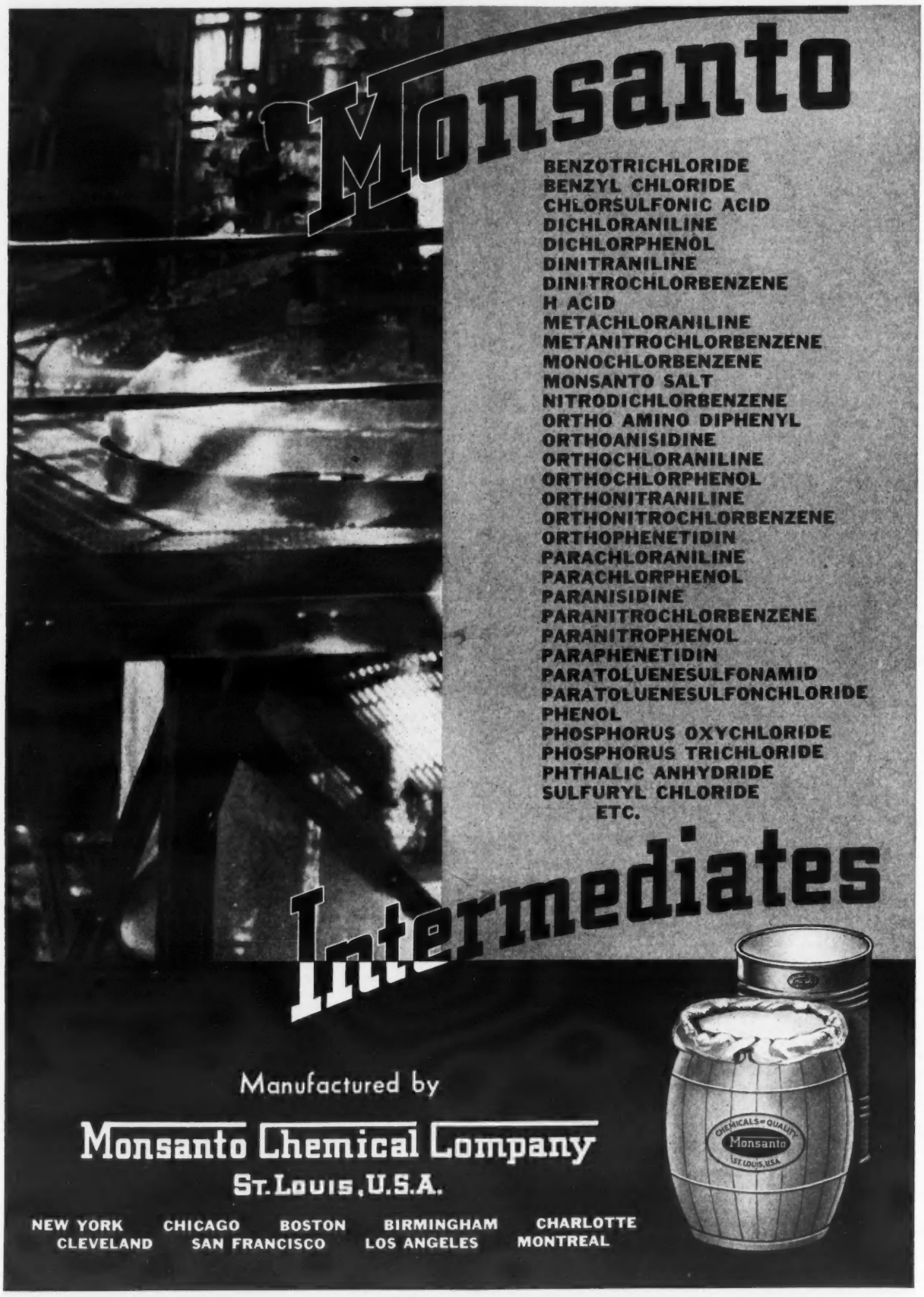
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CHLORSULFONIC ACID
DICHLORANILINE
DICHLORPHENOL
DINITRANILINE
DINITROCHLORBENZENE
H ACID
METACHLORANILINE
METANITROCHLORBENZENE
MONOCHLORBENZENE
MONSANTO SALT
NITRODICHLORBENZENE
ORTHO AMINO DIPHENYL
ORTHOANISIDINE
ORTHOCHLORANILINE
ORTHOCHLORPHENOL
ORTHONITRANILINE
ORTHONITROCHLORBENZENE
ORTHOPHENETIDIN
PARACHLORANILINE
PARACHLORPHENOL
PARANISIDINE
PARANITROCHLORBENZENE
PARANITROPHENOL
PARAPHENETIDIN
PARATOLUENESULFONAMID
PARATOLUENESULFONCHLORIDE
PHENOL
PHOSPHORUS OXYCHLORIDE
PHOSPHORUS TRICHLORIDE
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Drugs, Fine Chemicals

Market Quiet and Restricted in Activity—Undertones Declared to Be Easy—Competition Prevalent—Some Production Schedules Curtailed Substantially—Good Stocks Available

Business in the market for drugs and fine chemicals continued to feel the results of the substantial reserve stocks still, apparently, in the hands of large and small buyers alike. Trade was confined mainly to the coverage of jobbing needs, and the total of such business was insufficient to prevent the further development of market unsettlement. Some sellers indicated that there were very few firm items in the fine chemical group, and, although prices most lacked changes, the structure was none too well maintained and the tendency was for quotations to move in favor of buyers for consumption.

Quicksilver was lower on spot, and, although reports from the Pacific Coast indicated sharp rise in activity on the part of eastern buyers, it was impossible to find a trace of such business in this market. If such activity was actually the case, it was kept well concealed from the leading operators on spot. Mercurials were easy, low in price and subject to sharp competition.

Glycerin was steady to firm and prices held well in all markets. Quinine had a fair call, and an improvement in sales should come soon. Some interesting statistics regarding operations in the Netherlands appear in the market report on quinine. Iodine and iodides were unsettled and easy. Alcohol moved moderately and in usually restricted volume. Strychnine should be moving better, but was still subject mainly to jobbing interest. Bismuth metal and salts were steady. Tartar products were firm to strong, being about the sole exception to the general report of market easiness, if not actual weakness.

Acetanilide.—Although trade had a routine quality, it was still productive of a fair volume of transactions, and, on the whole, the market continued to be very steady in all directions.

Acetophenetidin.—Business was light. In fact, it was not very satisfactory throughout the Winter months. The market had a distinctly jobbing basis throughout the past week, but prices continued to hold a well-stabilized position.

Acid, Acetylsalicylic.—Volume compared satisfactorily with that of record during the past several weeks. The undertone of the market was reasonably steady and prices appeared to be free from unsettling influences. Values were fully maintained.

Acid, Citric.—Weather conditions were entirely against an expansion in sales of this article. The heaviest snowfall of the year came to the East Coast, and snow, in company with cold weather, was common throughout the country. The market was quiet and without important development.

Acid, Mandelic.—Available supplies were ample when compared with the current movement into consuming channels. Prices were steady notwithstanding the fact that sales were conservative in number and size.

Acid, Tannic.—Although stocks of raw material were not exceptionally ample, manufacturers of this acid appeared to be meeting all requirements of buyers and to be selling the item on the basis of prices fully steady and free from unsettlement.

Acid, Tartaric.—Production costs were very firm because of the lack of more favorable prices on raw material. Demand for acid remained comparatively light, unfavorable weather reacting adversely on trade with the beverage manufacturers, and generally slow trade in other consuming industries accounting further for the less than normal business reported generally.

Alcohol.—A slight readjustment in prices on completely denatured alcohol resulted from the fact that sales for some months to come will be to industrial users only; the anti-freeze season is ended. It will be noted that prices on quantities of 20 drums, and 1 to 19 drums have been established. In the main, the alcohol market was a quiet and routine, yet fairly steady, affair throughout the past week, and the entire price schedule was well maintained throughout the period under review.

Aloe.—Cape gum was higher. Curacao material was very firm, in light supply, and not likely to turn very soon in favor of buyers for manufacturing consumption. The tendency all along the line was toward further advance.

Aloin.—The position of this article continued to be one of substantial strength. It was a position caused mainly by the lack of normal stocks of normally priced raw material. It was also one in which a very fair demand played something of a part in keeping strength the dominant characteristic of the market.

Bismuth Metal and Salts.—A well stabilized, though to some a too low, market, prevailed so far as salts were concerned. Considering the similar position of metal, the entire situation appeared to be firm in undertone and not likely to show new development in the immediate future. Sales were routine and not expanding last week.

Borax.—As far as can be ascertained, the present schedule will remain in force over the balance of the contract period which terminates June 30. At that time, a change in values may be made in order to care for the higher freight rates now in effect. At the present time, these higher rates are not included in the current price schedule but, under the existing contracts, are still for the account of buyers. It delivered prices are to be quoted over the last six months of the year, higher prices will be set for July 1 in all probability.

Castor Oil.—A steady market was noted. Although demand was less than normal, the volume noted in recent weeks was maintained and business was done generally on the basis of very well maintained spot quotations.

Chicago, Apr. 7.—Trade in castor oil has few new characteristics. Offerings are along limited lines, and buyers order out fair amounts for early needs. Ruling prices are:—No. 1, barrels, car lots, 10½c. per pound; less than car lots, 10⅞c.; returnable drums, car lots, 9⅞c.; less than car lots, 10⅝c.; tanks, 9⅜c.; No. 3, barrels, car lots, 9⅝c.; less than car lots, 10⅜c.; returnable drums, car lots, 9⅜c.; less than car lots, 10⅛c.; tanks, 8⅞c.

Codliver Oil.—The tendency of prices has been toward easier position in some respects but the catch of fish and production of oil in Norway has not been up to expectations, though some improvement over the statistics in recent weeks has taken place. It was felt that arrival of good weather on the fishing banks will result in a substantial increase in operations and production.

BERGEN, Mar. 21.—Report No. 4—Last week fishing was somewhat better, especially in the eastern part of Lofoten, where the catch was quite good. The production of crude medicinal codliver oil in Lofoten last week was only about 12% below that of the corresponding week in 1937, viz., 6,449 hectoliters, as against 7,322 hectoliters last year. The total catch and production so far this year, according to the

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Quicksilver, $1 per flask.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
180.2	180.2	180.2	181.2

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Industrial and Pharmaceutical Chemicals

QUININE
Sulphate and Minor Salts

CINCHONINE CINCHONIDINE
QUINIDINE
and their Salts

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"MAARSSEN" BRAND

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Methyl Salicylate • Minor Salicylates
Formaldehyde • Paraformaldehyde
Hexamethylenetetramine
Creosote • Creosote Carbonate
Guaiacol • Guaiacol Carbonate
Potassium Guaiacol Sulfonate
Benzoate of Soda • Benzoic Acid
Benzyl Chloride • Benzaldehyde
Bromides • Silver Proteins • Glycerophosphates

Fine chemicals

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Light U.S.P. (Standard)
Heavy U.S.P.
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Magnesium Hydroxide
Magnesium Trisilicate
Calcined Magnesite
Colloidal Kaolin
China Clay
Stearates
Magnesium — Zinc — Calcium — Alumimum
SCHOFIELD-DONALD COMPANY
Incorporated
CHEMICALS
154 NASSAU STREET NEW YORK

official report issued today, compare with previous years as follows:—

Fish

	Kilos	
	Lofoten.	All districts.
1938	30,100,000	61,300,000
1937	43,200,000	75,600,000
1936	25,300,000	52,300,000
1935	28,800,000	45,800,000
1934	57,600,000	74,600,000

Oil

	Hectoliters*	
1938	13,945	27,263
1937	22,757	39,528
1936	14,770	27,296
1935	20,382	29,129
1934	39,259	48,064

* To convert into barrels, multiply by .88.

Chloral Hydrate. — Well stabilized prices still prevailed and producers indicated that the situation would likely continue for the immediate future since there is little or no competition at the moment. Consumption has varied very little for a considerable period of time.

Ephedrine.—Makers of this item will be interested in the Department of Commerce report to the effect that no shipments of 1937 new crop raw material were received in Tientsin from Suiyuan Province, where the ephedra grows in a comparatively small area. No exports from Tientsin from July, 1937, to January 31, 1938, to the United States have been declared at the office of the United States Consulate General in that city. Little new demand for ephedrine was noted last week.

Epsom Salt.—While demand was fair, it was still little different from that noted over a considerable period of time. Also, it had a routine character that reflected the similar kind of trade prevailing for some time. Pricewise, the market was very steady.

Formaldehyde.—Prices were steady. Production costs have been well stabilized for some time because of the well held prices on raw material. A fair export interest was noted in addition to an about normal home consumption.

Glycerin.—New developments were lacking. On the whole, the market appeared to be well stabilized for the time being at least and the principal suppliers kept quotations steady throughout the past week. The position of crude material was one of some strength because of the not especially active production of soaps. Exports from Cuba to the United States in 1937 were the largest of record, totalling 2,682,416 pounds against the previous record at 2,097,922 pounds in 1935. The declared exports from that country in 1936 were 1,827,424 pounds.

CHICAGO, April 7.—The market for c.p. glycerin remains steady, with few special features noted. Other grades are holding firm, with the strong crude situation proving a generally strengthening influence. Ruling prices are:—C.p., drums, 15½c. per pound; less than car lots, 16c.; cans, 17½c. to 19½c., according to quantity; dynamite, 15½c.

Magnesia.—Carbonate had a fair sized but not overly large demand during the past week and prices showed to be steady and well stabilzed on the basis of levels set a short time back when quotations were advanced. Calcined, both technical and USP, was in steady but very moderate request at full prices.

Mercurials.—While some improvement was said to prevail in the raw material market, no improvement in the position of mercurials took place last week. All were low in price and subject to highly competitive conditions that held little promise for an early escape of domestic manufacturers from the effect of foreign goods being offered on this market.

Methyl Acetone.—Competition between producers was keen and firm prices appeared to be confirmable only when a firm order was in hand. Actual demand was none too brisk last week and hence conditions were generally favorable for consumers with business to place.

Milk Powder.—The Agricultural Adjustment Administration on April 5 gave notice of its intention to purchase five million pounds of dry skim milk powder from producers in all sections of the United States. When bought, the supply will be allocated to state agencies for relief distribution. Under the present dry skim milk purchase program, any manufacturer of roller process material for human consumption may submit bids to the AAA.

Quicksilver.—Local suppliers of metal declared that while a few buyers showed a tendency to nibble at the fair stocks available, in the main the market was subnormal in activity and prices were comparatively easy in local circles, standing at $71 to $72 per flask.

SAN FRANCISCO, April 5.—This has been a strong active market locally, coupled with continued interest from Eastern buyers, the value of quicksilver rising last week to the neighborhood of $74 to $75 per flask, New York basis. It is learned in reliable quarters that an unusual local demand has appeared. Several hundred flasks were sold in San Francisco last week at a reported figure at or above $74, f.o.b. this city, it is learned. It is possible the metal is being bought for speculation. Some sellers here are holding metal for San Francisco delivery on the same price basis as New York stocks. There is more demand here for metal.

Quinine.—The local market was steady to firm and demand was maintained at a valume close to normal for the item. Spring sales against Summer needs in some parts of the country should soon show again. Some statistics on cinchona bark and quinine activities in the Netherlands follow:—

Cinchona Bark Imports

Imports of cinchona bark into the Netherlands during the past five years were as follows:—

	Metric tons.
1937	7,388
1936	6,691
1935	4,691
1934	6,399
1933	3,900

Cinchona Bark Exports

Exports of cinchona bark from the Netherlands during the past five years were as follows:—

	Metric tons.
1937	3,898
1936	4,041
1935	3,741
1934	3,321
1933	3,597

Exports by countries of destination were as follows:—

	Metric-tons—				
	1937.	1936.	1935.	1934.	1933.
Germany	1,936	2,029	1,949	1,508	1,703
Britain	260	237	81	193	6
France	740	740	732	623	960
Italy	699	10	29	30	33
Switzerland	*...	145	306	186	2
U. S.	722	833	702	732	846

* Data lacking.

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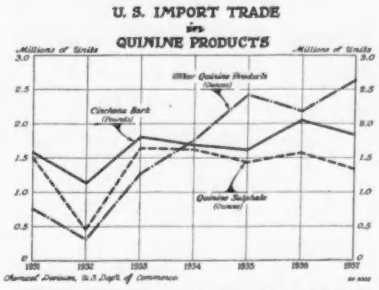
Exports of Derivatives

Exports of all quinine and other derivatives of cinchona bark in the past five years were as follows:—

	Metric tons.
1937	580
1936	653
1935	541
1934	478
1933	594

The following graph presents statistical data regarding cinchona bark, quinine sulphate, and other quinine products imported into the United States from 1931 to 1937, inclusive:—



Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 500 ounces, small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce	Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	31½	42⅝	18⅛
Monday	31½	42⅝	18⅞
Tuesday	31½	42⅝	19⅛
Wednesday	31½	42⅝	19
Thursday	31½	42⅝	19
Friday	31½	42⅝	19

Soda Perborate.—The Czechoslovak cartel regulating production, sales and prices of this item, formed in 1931, expired on December 31, 1937, and was not renewed. The item has been removed from the official cartel register. The spot market on this material remained steady under the influence of a fair-sized demand.

Cosmetic Tax Reported to Senate

—Continued from page 3

tion shall, in all other cases, be presumed to be at arm's length. The amendment made by this section is effective only with respect to sales made after the date of the enactment of the bill.

The senate has approved the action of its committee eliminating the house provision to increase the tax on distilled spirits and tax-paid alcohol from $2 to $2.25 per gallon. It also has adopted the Lee amendment tightening the control of shipments of intoxicating liquor into dry states, but exempting intoxicating liquor "consigned to dealers in intoxicating liquor for scientific, sacramental, medicinal, or mechanical purposes."

The senate committee's bill changed the excise tax on matches so as to apply a rate of 2 cents per 1,000 matches on all matches, wood or paper, except in the case of fancy wooden matches or wooden matches having a colored stick or stem, on which the rate is 5 cents per 1,000. The house bill applied the 5-cent rate to the fancy and colored wooden matches and eliminated the tax on other wooden and on paper matches.

The senate bill, in a provision approved yesterday, eliminates the undistributed corporation profit tax and substitutes a flat tax of 18 percent on corporation profits, with special treatment for corporations earning a net of less than $25,000. The bill also simplifies the capital gains and losses provisions. These two changes, together with other provisions of the bill, it is believed by the committee, will be a stimulus to business activity.

The senate bill retains the house provisions repealing as of June 30, 1938, excise taxes on furs, phonograph records, sporting goods, cameras, chewing gum, crude petroleum, and the refining of crude petroleum. A new provision would repeal the tax on brewers' wort and malt syrup as of June 30. Senate amendments eliminate house provisions imposing an excise tax on imported pork and pork products—this elimination was approved yesterday—and modifying the definition of filled cheese, and repeal outright, as of July 1, the tax on sales of produce for future delivery, which the house bill proposed to modify. The senate has under consideration an amendment by Senator Pope of Idaho to levy processing taxes on rayon and the products of cotton, corn, rice, and tobacco.

Fair Trade Groups Plan Main Organization

—Continued from page 3

Craig, managing editor of the OIL, PAINT AND DRUG REPORTER, said that comment in the public press on the effects and purposes of these laws did not comparably present the side of proponents in its presentation of arguments against the fair trade movement. This, he declared, made it necessary that means be taken to tell the public the full truth.

A number of charges against fair trade laws—that they foster monopoly; that they break down the antitrust laws; that they are mere price-fixing devices; that they raise the cost of living; that they hamper efficient merchandising—were rebutted by Mr. Craig with quotations from court opinions and with pertinent analyses of economic beliefs and pronouncements.

(Mr. Craig's talk is published in full in the April issue of *Druggists Circular*. Reprints are available.)

The possibilities of actual price-stabilization were pointed out by J. W. Anderson, president of the Anderson Company, manufacturer of automobile accessories, Gary, Ind., whose company had started a policy of resale price-maintenance in 1922. In spite of difficulties at first encountered, this plan had been made to work effectively. It is a simple plan; distributors are told that prices are to be maintained; they are not asked to inform on violators; they are not bound by agreements; but they are refused goods if they do not adhere to the company's price schedule. The plan, Mr. Anderson said, had stood the test of investigation by the Federal Trade Commission.

Benefits to Consumer

Declaring that the fair trade movement was based on the principle of "Live and let live," which, he believed, was fully subscribed to by the American people, R. D. Keim, vice-president of E. R. Squibb & Sons drug manufacturer, said that to permit certain large wholesale or retail distributors to undersell their competitors would foster monopoly and inevitably result in wide loss of employment and purchasing power. He contended that claims of efficiency should not need price advantages, and he said that he did not believe that the consuming public regarded the motives of predatory price-cutters as altruistic.

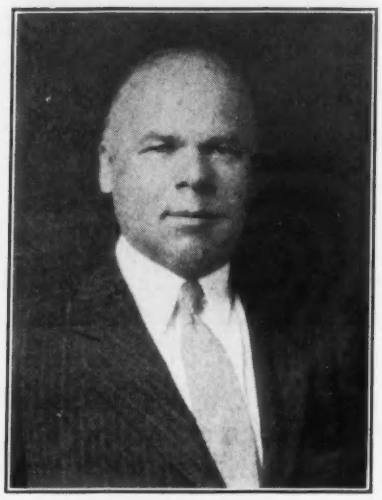
To grow is a commendable ambition on the part of a small business man, Mr. Keim said, and bigness is not a crime if combined with fairness and due regard for the rights of individual enterprise. He spoke in recognition of the contributions to the furtherance of the fair trade movement that had been made by retail druggists through their State associations and by "certain large retail and wholesale distributors in the drug trade and the majority of the drug trade journals." The help of these all played a large part in securing enactment of fair trade legislation, Mr. Keim said.

Pointing out that the supreme court had upheld the right of a manufacturer voluntarily to adopt price-maintenance as a means of protecting his goodwill, Mr. Keim declared that it was "common horse sense" that a manufacturer be permitted to enable distributors of his products to get a just return for the services they render. He held, therefore, that retailers, wholesalers, and manufacturers should join in support of a central organization that would fairly disseminate to the consuming public and to distributors information that would result in correct understanding and interpretation of the fair trade movement and emphasize its beneficial stabilizing effects on employment and consumer purchasing power.

Attitude of Drug Trade

Wholesale druggists favor fair trade laws and believe that a central organization representative of all lines of business should be set up to tell the story of fair trade to the public, said Dr. E. L. Newcomb, executive vice-president of the National Wholesale Druggists Association. Dr. Newcomb offered eight reasons why the fair trade laws should be preserved—for economically sound business practices and fair treatment of consumers; for the protection of property rights in trademarks; to maintain a free flow of branded merchandise; to enable distributors to play fair with producers; to enable producers to assure the profitable operating of distributors; to eliminate advertising waste resulting from clogged distribution; to promote self-regulation by business; to bolster the laws against monopoly.

Rowland Jones., jr., N.A.R.D. Washington representative; John O'Brien,



E.L. Newcomb
Presented Wholesalers' Approval

chairman of the fair trade committee of the New York State Pharmaceutical Association; Thomas Smith, N.A.R.D. president; Martin Adamo, of the Massachusetts Pharmaceutical Association; R. P. Fischelis, of the New Jersey Pharmaceutical Association; N. S. Gesoalde, of the New York Pharmaceutical Council; and a number of retail druggists, testified to the desirability of preserving the fair trade laws and approved the formation of a central organization for this purpose.

Similar expressions were made by representatives of the distilling, book, jewelry, electrical supplies, automobile, and other trades.

Senators Support Fair Trade

The fair trade rally was continued at a "Victory Dinner" in the evening, at which the necessity and benefits of fair trade laws were related by three United States Senators—John E. Miller of Arkansas, Arthur Capper of Kansas, and Robert J. Bulkley of Ohio.

Senator Miller turned back upon the opponents of fair trade laws their charge of monopoly. He warned that governmental regulation of business practices would result if individual business men did not make proper use of the fair trade laws to suppress monopoly.

Senator Capper declared that unfair trade practices, including unfair competition in price, were destructive, not only of competition, but of the profit system as a whole. Their effect of closely centralizing wealth and power he said was inimical to the very foundations of democratic government.

Prosperity must be broadly individual, said Senator Bulkley or there can be no general prosperity. He pointed out that the elimination of competi-

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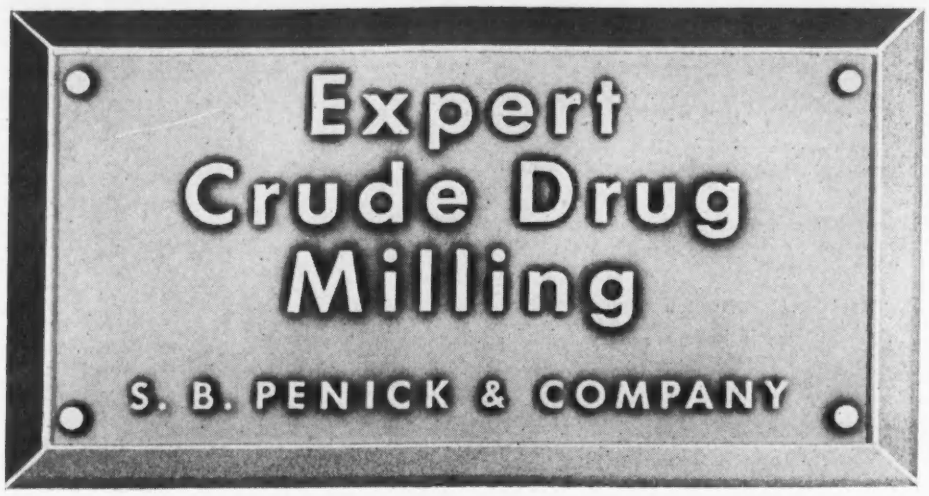

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tion or diminution of profits, in distribution must reduce employment in that field, and in turn would, he warned, reduce employment in the production field because the monopolization of distribution would result in producers' being obliged to accept meager profits at the dictation of the few remaining distributing agencies.

Cancer Serum Disaster Shows Fault in Laws

—Continued from page 5

isms develop a digestive fluid capable of dissolving cancer tissues in the human body. The product consists of the virus given off by these organisms grown in a laboratory. "Ensol" has been distributed to physicians in this country and Canada on a trial basis only, and while many patients have reported relief from its use, most authorities on cancer believe it to be of no value, and the American Medical Association has declared it to be worthless.

Nevertheless, the Franklin Institute has been interested in this theory of cancer control and recently has been manufacturing a similar product, called "Rex," which it has been distributing to physicians on an experimental basis. In some manner as yet not officially explained, tetanus germs were present in some of the material used in feeding the micro-organisms for the production of one batch of "Rex," and these germs threw off a virus which remained in the finished product along with the desired virus.

Since both "Ensol" and "Rex" are viruses, they come under both the food and drugs act of 1906 and the virus, serum, and toxin act of 1902 which is administered by the Public Health Service. However, neither product was ever sold commercially, and physicians were asked to use it on an experimental basis and were directed not to charge patients for use of the serum. It was not advertised and no claims were made on the label. Even though not offered for sale the products would be subject to the food and drugs act through being distributed in interstate commerce; but, through an administrative arrangement, the Food and Drug Administration customarily does not supervise the distribution of products subject to the supervision of the Public Health Service—and the serum and toxin act applies only to products offered for sale, barter, or exchange. A provision in the pending food and drugs bill provides that nothing in that act shall be construed as in any way applying to products coming under the virus, serum, and toxin act, so that the proposed sulphanilimide amendment would not apply to such products as "Ensol" and "Rex."

Producers Not Licensed

Under the serum act the Public Health Service is required to license all plants making serums and viruses. Recently the Hendry Connell Laboratories applied for such a license, stating that the demand for "Ensol" was growing so large that its free distribution was becoming a burden and the laboratories desired to make a charge for the product. Such a license was refused by the Public Health Service on the ground that "Ensol" had not been shown to have any clinical value. The Franklin Institute never applied for a license, but, because neither product was offered for sale, the Public Health Service did not interfere with their distribution.

Officials of the Public Health Service state that, had these laboratories been licensed, they would have been required to set up safeguards which would have made it impossible for the serum to be contaminated with tetanus virus or other adulterants, and that a test injection into animals of a sample of every batch would be required as routine. However, these officials take the position that their law should not be extended to cover experimental products or serums made by physicians and distributed to other physicians for trial use. They believe that such a law might be impossible to enforce and would put a stop to medical progress.

On the other hand, officials of the Food and Drug Administration are of the view that Federal laws should be broad enough to cover all new medical products even when distributed on an experimental basis, taking the position that it is not material to the patients who may die whether the physician administering the drug paid for it or received it free of charge. These officials declare that, if they had had the power under the food and drugs act, they would have required the producers of both "Ensol" and "Rex" to make adequate tests of every batch of material to be certain that it contained no foreign substance, and that similar requirements should be made applicable to every batch of every drug product of any nature.

The matter of further legal action by the Food and Drug Administration is still under consideration. Officials believe that it may be possible that some action may be taken against the Franklin Institute or administering physicians on the ground that the product was adulterated, and they believe that, if the penalties under the food and drugs act were sufficiently large, it would be a deterrent to carelessness of this sort on the part of manufacturers of drug products. However, it is understood here that officials of the Franklin Institute have stated that they will cease the production and distribution of "Rex" or similar products.

Phila. College of Pharmacy Holds Annual Public Exhibit

The Philadelphia College of Pharmacy and Science for the sixth year opened its classrooms and laboratories to the public April 8 and 9. Demonstrations of biological, chemical and physical phenomena were made, and chemical, pharmaceutical and biological products exhibited, and their preparation and uses explained.

The entire range of modern chemical progress from the simplest demonstrations of "kitchen chemistry" to the most advanced and elaborate set-ups of physical and colloid chemistry and microanalysis were covered. The various pieces of equipment commonly in use in manufacturing laboratories, in research divisions of the fuel, oil, paint, rare chemical and drug industries, as well as the methods of testing water supplies, were presented in the form of charts and explanatory experiments conducted.

N.W.D.A. Committees To Meet in Chicago

—Continued from page 3

The M.V.D.C. Club, the J.S.C. Club, and the O.K.I.M. Club will hold separate meetings at 9:30 a.m., April 21, and there will be an informal meeting of wholesale druggists at 2:00 p.m. At the latter meeting, H. J. Ostlund will review wholesale druggists' operating costs in 1937; E. L. Newcomb will give a blackboard demonstration on "Handling Costs of Specific Proprietaries," and there will be a general discussion of problems of distribution.

An informal meeting of manufacturers and wholesalers is scheduled for 9:30 a.m., April 22, at which Mr. Means will report for the manufacturers' committee; Dr. Newcomb will repeat his demonstration on handling costs, and W. T. Kelly, of the Federal Trade Commission, will speak. Facts and problems in relation to distribution will be discussed by manufacturers and wholesalers.

Hotel reservations for the Chicago meetings are to be made directly with the Palmer house.

Armstrong Cork Buys Whitall-Tatum Glass Co.

The Armstrong Cork Company, Lancaster, Pa., has the Whitall-Tatum Glass Company, manufacturer of glass bottles, of Milville and Keyport, N. J., according to R. J. Prentiss, president of the Armstrong organization. Mr. Prentiss said the agreement to purchase the plants would be completed about June 20.

The Armstrong Cork Company operates a complete corking division and the newly acquired New Jersey plants manufacture an extensive line of glass containers. This set-up, Mr. Prentiss said, would enable his company to offer a complete packaging service. Rubber sundries for the glass packaging service, Mr. Prentiss added, are to be manufactured at the Keyport plant.

Petrol Corporation's submarine petroleum loading terminal at Point Sal, Calif., has been placed in operation.

Botanical Drugs, Spices, and Gums

Price Revisions Downward Still Dominate the Market—Lack of Sustained Buying Brings Extension of Competition —Some Seek Substantial Reduction of Spot Stocks

Although some quarters reported a gain in sales volume, oftentimes, however, confined to special items, the majority of dealers on the spot market declared that transactions were still cribbed, cabined, and confined mainly to jobbing needs. The result was a continuation of sharp competition in this market and the presence of conditions making for unsettlement of trade.

Of course, at this season of the year, thoughts turn to new crop collections and the conditions under which supplies shall be gathered. Some opinion regarding domestic collections were ventured last week and it was of interest to note that in some quarters it was felt that more labor for field work would probably be at work this year. This view was predicated on the belief that there would be less relief money this summer, as well as greater care in the granting relief funds to the people living in the domestic collection areas. Should this opinion prove correct, it then could follow easily that collections of domestic botanicals would rise this year. It should be borne in mind, however, that stocks held by leading country dealers are distinctly small, contrasting in that respect with the substantial, even large stocks held by spot dealers. A gain in primary market stocks was considered by country dealers as something to be desired.

Entries of botanicals at the port of New York since the week of January 1, 1938, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags Detained.	Bags Entered.
Anise	60	318
Belladonna	51	202
Caraway	234	1,017
Cardamom (cases)	...	754
Celery	...	179
Coriander	750	1,900
Cumin	312	950
Digitalis leaves (cases)	68	68
Dill	...	105
Fennel	103	131
Henbane leaves (bales)	42	107
Mustard	200	10,326
Poppy	300	13,726
Sage leaves (bales)	...	134
Sesame	354	2,183
Stramonium (bales)	308	308

Price Changes

Prices were changed during the past week as follows:—

Advanced

Aloe gum, Cape, 2c. per lb.
Cassia, Batavia, No. 1, ¼c. per lb.
shortstick, ¼c. per lb.
Cumin seed, Morocco, ½c. per lb.

Reduced

Black haw, tree bark, 1c. per lb.
Barberry, tree bark, 1c. per lb.
Caraway seed, ½c. per lb.
Celery seed, French, ½c. per lb.
Clove, Madagascar, ½c. per lb.
Zanzibar, ¾c. per lb.
Copaiba balsam, Para, 2c. per lb.
South American, 2c. per lb.
Calendula flowers, 1c. per lb.
Chamomile flowers, Roman, 1c. per lb.
Cantharides, Chinese, whole, 10c. per lb.
powdered, 15c. per lb.
Deer tongue leaves, 1c. per lb.
Fringe tree bark, 1c. per lb.
Ginger root, African, 1c. per lb.
Jamaica, medium bold, ¾c. per lb.
bright grinding, ¾c. per lb.
Japanese, 1¾c. per lb.
Golden seal, whole, 5c. per lb.
powdered, 5c. per lb.
Guarana, powdered, 5c. per lb.
Gelsemium root, 1c. per lb.
Kamala, 2c. per lb.
Laurel leaves, ½c. per lb.
Millet seed, yellow, ¼c. per lb.
Mustard seed, English yellow, ¼c. per lb.
Dutch, yellow, ¼c. per lb.
Pink root, 5c. per lb.
Papain, powdered, 5c. per lb.
Prickly ash bark, 1c. per lb.
Peru balsam, 2c. per lb.
Paprika, Spanish, extra fancy, 2c. per lb.
fancy, 1c. per lb.
medium, 1½c. per lb.
Pepper, black, Lampong, ¼c. per lb.
white, Java Muntok, ¼c. per lb.
Pimento, ¼c. per lb.
Spikenard root, 2c. per lb.
Simarubra bark, 1c. per lb.
Sunflower seed, medium, ½c. per lb.
poultry, ½c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
130.4	130.9	133.0	126.9

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—Prices were lower at 24c. to 25c. per pound for Para, and 26c. to 27c. for South American material. This was a development induced by local competition that prevailed in a market noted for little more than jobbing request.

Peru.—The market was 75c. to 76c. per pound, being lower and fairly easy. In fact, it seemed probable that firm orders in hand might result in quotations being shaded further. The call was not very active.

Barks

Barberry.—Tree bark was shaded to 9c. to 10c. per pound, but no change was made in the quotations on root bark. The readjustment was in line with the almost total lack of demand for bark of tree.

Black Haw.—Tree bark was slightly lower at 15c. to 16c. per pound, and the position of root bark was easier to some extent. The market was narrow at the best and wider interest seemed likely to develop slowly and within restrained limits since the new crop collection season spreads ahead.

Elm.—While not in plentiful supply, select bark was still available in fair-sized quantities in one-quarter in this market. The price was steady at 50c. to 55c. per pound. The country had little to offer.

Fringetree.—The movement has been within moderate limits for a number of weeks and quotations developed an easier undertone coincidental with the restrained attitude of manufacturing consumers. Prices were lower last week at 11c. to 12c. However, the situation had its strong side in that actual stocks were small to the point of real scarcity.

Sassafras.—Select bark was quoted 18c. to 20c. per pound. Some said their view was one of market firmness. Others intimated that absence of consumer interest tended to make them ease prices when orders were in sight. The best of the consuming season has passed.

Beans

St. Ignatius.—Business was virtually at a standstill. Trade was mostly lacking but when business was done, it was within jobbing limits in practically all instances. Prices remained quiet.

Vanilla. — Pricewise, the market seemed to be steady. Although the position of French exchange had its influence on the replacement cost of Bourbon beans, reaction on spot views of values was not noted. Local dealers kept quotations generally well maintained and reported a fair amount of consumer interest throughout the past week. Stocks of fine quality Bourbons were none too ample.

Berries

Raspberries.—Although new crop season lies directly ahead, it will be some time before the crop is dried and hence consuming requirements will have to be met out of spot stocks for some weeks to come. Prices were generally steady.

Saw Palmetto.—The supply was plentiful and prices were low. Furthermore, a new crop will eventually reach a market already well supplied with prompt delivery merchandise. Requirements of buyers were solely jobbing in size last week.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

HOPKINS BRAND
CRUDE DRUGS
GUMS } KARAYA • ARABIC TRAGACANTH

PYRETHRUM • REDRATSQUIL
DERRIS • CUBE

We have been for over forty-seven years first hand direct importers and suppliers of all foreign and domestic crude drugs, importing from every important shipping point in the world. All botanicals we import or handle are BOTANICALLY, CHEMICALLY, BIOLOGICALLY and otherwise determined to conform with our standards as well as the pharmacopœia standards.

We carry in our New York City Warehouse and Mills full stocks of all Foreign and Domestic Crude Drugs for which there is commercial demand.

WRITE FOR PRICE LIST

J. L. HOPKINS & CO., 220 Broadway, New York, N.Y.

Gum Tragacanth---Gum Arabic
Importers
THURSTON & BRAIDICH, 286 Spring St., NEW YORK

SPOT OR FUTURE
POWDERED TIMBO
4% - 4½% - 5% ROTENONE
LENAPE TRADING COMPANY, Inc. - - 225 Broadway, New York

WHOLE AND POWDERED CUTTLEBONE
FRANK-VLIET CO., INC.
160 Water St.
New York N. Y.

VIKING
Petroleum Solvents
PENTANE
HEXANE HEPTANE
PETROLEUM ETHER
LIGROIN BENZINE
LOW COST - HIGH QUALITY
Special Solvents for Specific Purposes
VIKING DISTRIBUTING CO.
K.V. BLDG., CHARLESTON, W.VA.

Flowers

Calendula.—Prices were lower at 36c. to 37c. per pound. Had demand been normal during the Winter, dealers last week stated that prices would have been advanced substantially. It was poor, however, and was still sufficiently small to create the price weakness noted above.

Chamomile.—Hungarian flowers lacked quotable change but were quiet and easy. Roman flowers were a shade lower at 27c. to 28c. and moved in jobbing lots. Consuming interest was light.

Rose.—Red flowers retained all of the strength that, in the previous week, was reflected in a rise in spot quotations. The uward movement was not extended last week but the situation was still such as to make the tendency still upward.

Rosemary.—The undertone was about steady but lack of sustained demand of important size kept before the market the possibility of unsettlement should new crop offerings be substantial.

Saffron.—Spanish material was firm but lacking in change. At the close of the past week, conditions in Spain suggested an early termination of the civil war with success going to the rebels. Such a development may find reflection on the flower market here.

Herbs and Leaves

Buchu.—A fairly steady undertone was noted but it was said that actual demand was limited to a coverage of immediate needs. Quotations on spot were fairly close to the prevailing price in the primary market.

Deer Tongue.—Quotations were 10c. to 11c. per pound, being the result of competition induced by the comparatively narrow consuming outlet prevailing at the moment.

Digitalis.—Although demand was limited, the market kept firm because of the absence of normal reserves and the poor prospect for shipment from abroad meeting at all times the requirements of the Food and Drug Administration. It is principally the matter of moisture content that leads to the detention of most arrivals.

Ephedra.—India has become a source of substantial shipments of this item, notwithstanding the fact that the ephedrine content of the Indian product usually runs very low. With direct shipments in normal quantities impossible from China, however, India has been welcomed as a source of supply. In the previous week, imports from India totaled 309 bags.

Stramonium.—Prices were low, import cost being considered, yet competition has offset to a substantial extent the fact of constant rejection of a high percentage of arrivals from abroad. Reserves were actually small.

Miscellaneous

Cantharides.—Chinese flies were lower at 60c. to 70c. per pound for whole, and 70c. to 80c. for powder. The declines was caused by conditions of competition that were purely local in extent and character. Russian flies lacked further decline; prices had been reduced in the previous week, and they remained in force during the period under review.

Ergot.—Any weakness current on spot was purely local in character, and was caused by an absence of consumer interest. However, there was some unsettlement and open quotations seemed to be subject to shading. According to European advices, Spanish-Portuguese material has turned considerably easier with shipment offerings being made at lower prices. On the basis of these

shipment prices, spot quotations could be shaded considerably, although spot stocks consisted mainly of high cost merchandise.

Guarana.—Power was reduced to $1.05 to $1.10 per pound as the result of substantial competition in local circles. Buyers bought only their actual requirements and volume was down considerably.

Kamala.—The market was 32c. to 33c. per pound and seemed to continue unsettled because of the competition that has increased substantially in some quarters, though not in all directions. Trading was not very active.

Papain.—Competition continued to force prices down and spot goods at $1.40 to $1.45 per pound were said to be subject to further shading. It was a buyers' market in practically all respects.

Roots

Colombo.—Spot stocks have been increased to the extent of eighty bags. The supply was already substantial when compared with the interest being shown by the restricted number of consumers of the root. Prices were easy.

Gelsemium.—A few sales confirmed a lower market at 11c. to 12c. per pound and at the end of the week the undertone was still easy in most respects. Stocks could readily care for a considerably larger volume of demand.

Golden Seal.—Prices on whole were shaded to $3.60 to $3.65 per pound; powdered, $3.75 to $3.80. Though lower, the market was hardly weaker; quantities offered through primary market dealers, or their representatives, were uniformly small. Actual demand was moderate. Notwithstanding the general position of the item, there seemed to be more competition than actual conditions might warrant, and hence the lower quotations noted above.

Pink.—The market was 40c. to 45c. per pound, being lower as the result of increasing competition induced by the prospect of new crop goods reaching the market in the not far distant future.

Serpentaria.—Sellers look for considerably lower prices on new crop root and hence were willing to entertain any reasonable bid. While openly quoted at $1 to $1.05 per pound, the inside seemed subject to shading.

Spikenard.—Sales have been made at 12c. to 13c. per pound and the market was easier because of the desire of some quarters to reduce inventories in anticipation of new crop goods to be marketed later at prices which the trade thinks will be lower this year.

Seeds

Caraway.—Quotations were shaded to 7⅜c. to 7⅞c. per pound, a gesture indicative of the very sluggish trade and yet also suggestive of the absence of basic weakness since the shading was but a small fraction.

Celery.—French material was quoted down to 14¾c. to 15¼c. per pound, but Indian seed lacked quotable change. Trade was solely of jobbing proportions.

Cumin.—Morocco seed was very scarce on the spot and the market at 10c. per pound was strictly nominal. Algerian seed was unchanged, and took care of most of the demand current last week. It was quoted at 8¾c. to 9¼c. per pound.

Mustard.—Slight concessions in prices were noted. English yellow was quoted at 8½c. to 9c.; Dutch yellow, 7¾c. to 8c. For the most part, however, the market was on a steady price basis and was supported by a call that, while of jobbing size, was constant throughout the period.

Rape.—Japanese seed was higher at 6c. to 6½c. per pound, being the sole change in this seed group. It reflected a shift in replacement costs.

Sunflower.—Medium-size California seed was lower at 4½c. to 5c. per pound and the poultry grade was shaded to 3½c. to 4c. Large seed lacked change. Sun came to the California cultivation area after a long continued drenching by rain and flood. Farmers began to put in the crop at once, but it remains to be established that a crop can still be grown, despite the delay in getting it into the ground.

Spices

Cassia.—Batavia No. 1 and shortstick were higher at 16¼c. to 16½c., and 12¾c. to 13c. per pound, respectively. Other grades and qualities lacked quotable change. The market had a steady to firm undertone, even though actual demand was not very active.

Clove.—Quotations eased slightly. Madagascar was down to 14¼c., and Zanzibar goods were shaded to 16c. to 16½c. per pound. These movements were evidence of some slight unsettlement in the market, a development in contrast with the control scheme applied to sales and prices in Zanzibar.

Ginger.—African root continued in sharp decline and late last week the market was down to 8½c. to 9c. per pound. Cochin remained unchanged. Japanese root dropped to 9½c. to 10c.; Jamaica medium bold was down to 14c. to 14½c., and the bright grinding grade was noted at 13½c. to 14c. The entire market was affected by more favorable replacement costs and hence conditions were such as should prove advantageous to buyers.

Paprika. — Some Spanish material reached this port at last and the extra fancy grade was quoted at 28c. to 29c. with suggestions of further shading being noted. Also, the medium grade was noted at 23½c. to 24c., and the fancy was 27c. per nomina.

Pepper.—Black Lampong pepper was down to 5½c. to 5¾c. per pound. White Java Muntok was off to the basis of 8½c. to 8¾c. Other pepper prices lacked change. It was not a very active market on spot, consisting mainly of sales in conservative quantities to grinders and similar interests.

Trading in black pepper futures on the New York Produce Exchange from April 2 to April 8, inclusive, comprised 295 contracts, a total of 9,912,000 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	5.90	5.44	5.75 sale
March	5.95	5.93	5.83@5.90
May	5.43	5.15	5.33@5.40
July	5.37	5.18	5.44@5.50
September	5.57	5.31	5.54@5.60
December	5.78	5.45	5.70@5.77

Pimento.—Spot quotations were under slightly more competition as the result of a small change in replacement costs. The local market became 14¼c. to 14½c. per pound. However, prominent interests did not believe that the movement would be extended very far, this for the reason that a definitely smaller crop appeared to be certain.

Squibb Plan, Inc., Shares Offered to Retail Druggists

Shares of Squibb Plan, Inc., will be offered to druggists who are customers of E. R. Squibb & Sons. An issue of 72,600 cumulative distributors preferred no-par value shares will be offered at $50 a share, in ten-share units. The maximum number of shares a customer may purchase will be based on the number of stores occupied. The proceeds of the sale of the stock of the Squibb Plan, Inc., which will amount to $3,630,000, will be used for the purchase of common stock of E. R. Squibb & Sons.

S. Barksdale Penick, president of S. B. Penick & Co., botanical drugs and derivatives, this city, was pleasingly complimented with floral pieces and congratulatory greetings March 26. It was his fifty-sixth birthday.

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

Fully protected by Copyright

Two-hundred-twenty-second Instalment

Linen

Finishers and Stiffeners for Linen

(Continued from April 4 Issue)

Lanette wax
Luster size
Magnesium salts
Milk sugar
Potassium-sodium tartrate
Salicylic acid
Shirlan D
Sitol
Sodium benzoate
Sodium carbonate
Sodium phosphate
Sodium salicylate
Sozoidol
Spermaceti
Starch
Sugar
Talc
Tragacanth

Fixing Agents Used After Bleaching Fibers for Linen

Citric acid
Formic acid
Lactic acid
Organic acids
Oxalic acid
Tartaric acid

Flame-Resistance Agents for Linen

Aluminum acetate, basic
Ammonium borate
Ammonium phosphate
Ammonium sulphate
Borax
Calcium chloride
Cellulose acetate
Lead silicate
Magnesium carbonate
Magnesium chloride
Magnesium sulphate
Sodium borate
Sodium silicate
Sodium xylychlorosulphonate
Stacol
Tricresyl phosphate
Tungstic acid
Zinc carbonate
Zinc oxide
Zinc sulphate

Mercerizing Reagents for Linen

Alkanol
Leophene
Soda lye

Mildewproofing Reagents for Linen

(Preventive of black mold —Tilletia auranticum)

Aluminum acetate with egg albumin
Aquaresin
Arsenic with green soap and sodium chloride
Arsenic green soap
Aseptex
Beta-4-hydroxy-3-carboxyphenyloctane
Betanaphthol
Bis-bromochlorohydroxydiphenylmethane
Bis-(3:5-dichlor-2-hydroxyphenylmethane)
Bis-hydroxytolylmethane, brominated
Bis-(2:4:6-trichlor-3-hydroxyphenylmethane)
Bismuth-triphenyl dibromide
Brucine anilideacetate
Cerium acetate with egg albumin
5-Chlor-2-hydroxydiphenylmethane
5-Chlor-2-hydroxy-4'-methyldiphenylmethane
5-Chlor-2-hydroxy-4'-sulphodiphenylmethane
Condensation products of—
(1) Aldehyde with phenol
(2) Benzyl alcohol and parachlorophenol
(3) Formaldehyde with 2:5-dichlorophenol
(4) Formaldehyde with phenol
(5) Formaldehyde with technical mixture of metacresol and paracresol
(6) Parachlorophenol with 2:4:6-trichlor-3-hydroxybenzaldehyde
(7) Paramethylbenzyl alcohol with parachlorophenol
(8) Parachlorophenol with trichlorobenzyl chloride
Copper acetate with egg albumin
Copper salts
3:5-Dibrom-2-hydroxydiphenylmethane
3:5-Dichlor-2-hydroxyphenylmethane, chlorinated
Dihydroxydichlorodibromodiphenylmethane
Dihydroxyditolylmethane
Dihydroxytetrachlorodiphenylmethane
Dihydroxytolylmethane
Dihydroxytolylmethane, brominated
Egg albumin with cerium acetate
Egg albumin with aluminum acetate
Egg albumin with copper acetate
Egg albumin with lanthanum acetate
Egg albumin with metal acetates
Egg albumin with thorium acetate
Egg albumin with tin acetate
Egg albumin with zinc acetate
Ethylenediphenylphosphonium bromide
Ethylenetriphenylphosphonium bromide
Ethylenetriphenylphosphonium iodide
Ethyl-mercury compounds
Ethyl-mercury-chlorophenol
Ethyl-mercury-chlorides
Ethyl-mercury-cresol
Ethyl-mercury-cyanocresol
Ethyl-mercury-furfuramide
Ethyl-mercury-nitrophenol
Ethyl-mercury-phenyl
Ethyltritolyltriphenylphosphonium iodide
Hydroxyethyltriphenylphosphonium chloride
Lanthanum acetate
Lanthanum acetate with egg albumin
Mercury amino chlorides
Mercury-ethyl derivatives
Metal acetates with egg albumin
Metaphene
Methyltriphenylphosphonium iodide
Moldex
Monobromonaphthol
Orthocresol with dinitroorthocresol in excess sodium carbonate
Palustrex
Parachlorometacresol
Polybromonaphthol
Polymethylhydroxybenzenes
Rare earth acetates
Raschit
(R) (6-Chlor-3-hydroxy-1-methylbenzene)
Salicyl anilide
Shirlan D
Sodium benzoate
Sodium hypochlorite
Sodium orthophenylphenate
2:4:5:5'-Tetrachlor-2'-hydroxydiphenylmethane
Tetrachlorohydroxydiphenylmethane
Thorium acetate
Thorium acetate with egg albumin
Thymol
Tin acetate
Tin acetate with egg albumin
Uniexol A
Xylyldiphenylphosphonium bromide
Xylyltriphenylphosphonium bromide
Zinc acetate with egg albumin
Zinc chloride

Reagents Used in Bleaching Fibers in Making Linen

Aromatic sulphonic acids
Albone
Albone C
Alkali bisulphites
Alkali dioxides
Alkali hydroxides
Alkali hypochlorites
Alkali and metallic salts of alkalies
Alkali perborates
Alkali percarbonates
Alkali persulphates
Alkali salts
Alkaline soaps
Ammonium linoleate
Ammonium persulphate
Barium peroxide
Benzoyl peroxide
Bisulphites
Blankit
Bleaching powder
Borol
Bromobenzoyl chloride
Butyl acetylricinoleate
Butyl ricinoleate
Calcium bisulphite
Calcium hypochloride
Calcium oxychloride
Caproyl peroxide
Castor oil, acetylated
Castor oil, acetylated polymerized
Castor oil, sulphonated
Castor oil soap
Chlorine
Chlorine and calcium oxychloride
Chromic acid
Diglycol stearate
Dioxogen
Eau de labarraque
Ethanolamine
Fatty acids
Glycol stearate
Hydrogen peroxide
Hypochlorites
HTH
Javelle water
Lucidol
Magnesium bisulphite
Magnesium linoleate
Merchlor B
Methyl oleicsulphonate
Methylethyleneglycol monopalmitate
Monobutylnaphthylenesulphonic acid
Naphthenes
Neutral soaps
Oleic acid
Oleyl chloride
Oxone
Oxydon
Ozone
Palmitic acid, sulphonated
Perborax
Perborin
Percarbonates
Perdisulphuric acid
Phthalyl peroxide
Potassium acid sulphite
Potassium bichromate
Potassium heptylnaphthalenesulphonate
Potassium hydroxide
Potassium bisulphite
Potassium hypochlorite
Potassium oleoabietate
Potassium perborate
Potassium percarbonate
Potassium permanganate
Potassium persulphate
Potassium ricinoleicsulphonate

(To be continued)

Essential Oils, Aromatic Chemicals

Cheaper Replacement Cost Reflected in Lavender Prices—Mace and Nutmeg Steady at Recession—Ti Tree Down —Little Call for Citrous Oils on Spot

Lack of broad and sustained operations by the leading buyers of essential oils and aromatic chemicals tended to create pressure against prices and numerous revisions downward were noted by the close of last week. However, most of the reductions came in merchandise of less than first importance and the developments were readily absorbed without undue dislocation and unsettlement of the market generally.

However, a generally more favorable price position was noted on the important lavender flower oil. Cheap French francs have reduced import costs substantially and rendered the flower oil easy in undertone and lower in price on the spot.

Beyond a slight shading of quotations on Italian lemon and bergamot, the citrous oil group developed little of note. Lemon in Italy has turned cheaper of late and replacement cables at lower prices have been reflecting steadily in spot quotations. Bergamot was still well and firmly controlled abroad but spot values yielded slightly.

Some resale competition in mace and nutmeg oils prevailed to an extent that made producers accept lower prices. However, the market was steadier at the lower levels and the producers were not disposed at the moment to pursue resale competition any further. Coriander was down again, but some quarters declared that a true and high quality oil cannot be obtained in Europe at a cost accounting for the minimum of local quotations.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Bergamot, 10c. per lb.
Cananga, native, 10c. per lb.
  rectified, 15c. per lb.
Caraway, 5c. per lb.
Coriander, $1.50 per lb.
Cubeb, 10c. per lb.
Juniper berry, 10c. per lb.
Lavender, 50% ester, 50c. per lb.
  38-42% ester, $1 per lb.
  35-38% ester, 70c. per lb.
  30-32% ester, 55c. per lb.
Lemon, Italian, 20c. per lb.
Linaloe, 5c. per lb.
Mace, 5c. per lb.
Nutmeg, 5c. per lb.
Pennyroyal, imported, 5c. per lb.
Pimento, berry oil, 10c. per lb.
Sage, 5c. per lb.
Sandalwood, U.S.P., 5c. per lb.
Savin, 5c. per lb.
Tansy, 5c. per lb.
Ti tree, 40c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
72.7	75.1	76.9	84.0

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond. — Sweet oil was shaded under competition to the basis of 65c. to 68c. per pound. The situation so far as supplies abroad concerned was still somewhat mixed. However, with the end of the Spanish civil war being apparently near at hand, a return to commerce closer to normal experience abroad may develop in the not far distant future.

Anise.—The Japanese activities in South China have not prevented the export of this item across the border into Indo-China and thence to world users. Spotwise, the market was slightly lower at $1 to $1.05 per pound.

Bergamot.—Local sales were made at the lower level of $3.90 per pound and the market lacked the support of steady interest on the part of manufacturing consumers. The situation abroad showed no change whatsoever and hence the change locally was the result of spot conditions for the most part.

Cananga. — Replacement costs have weakened somewhat in keeping with the cost of exchange and the like at the source. Local quotations were lower on the basis of $1.40 to $1.45 per pound for native, and $2 to $2.05 for rectified oil.

Capsicum (Oleoresin).—The shortage in spot raw material was acute but some goods were available for shipment in the not far distant future in the primary market. The oleoresin was quoted at $1.90 per pound for the USP X variety.

Caraway.—The market was shaded to $1.90 to $1.95 per pound under competitive circumstances. Furthermore, some intimated that the situation abroad had been more favorable for the operations of importers on the spot.

Citronella. — A narrow and mainly hand-to-mouth activity prevailed on the spot last week and volume was correspondingly restricted. Buyers traded close to actual requirements but lack of larger business failed to affect the spot position so far as prices were concerned. Replacement values held fairly well.

Clove. — Spot prices on raw material were easier and lower, but no substantial change in the primary market position of Zanzibar material was noted. Producers of oil held steady price views and appeared to be convinced that control of costs of raw material at the source would effectively check unfavorable price movements. Demand for oil was moderately active.

Coriander. — The market continued to decline and $16 per pound was noted as minimum; the range was $19.75 per pound according to seller, and more important, said some dealers, according to quality. A high quality article was said to be not obtainable in Europe at prices permitting sale on spot at $16. However, it may be noted that as low as $14 per pound has been mentioned in local circles recently.

Cubeb. — Quotations were $2.75 to $3 per pound, and the market was moderately easy under the combined influence of moderate request and some increase in local competition.

Dill. — The range in seed oil narrowed to $3 to $3.25 per pound. That on weed oil was unchanged at $3.85 to $4.10. Not much need for the item existed last week and jobbing transactions were the rule.

Ginger. — Prices on raw material underwent a further and substantial decline without the quotations on oil being affected. The high duty on the basic material continued to affect adversely the production cost of oil. A routine interest was shown by manufacturing consumers.

Juniper. — Berry oil was lower at $1.10 to $1.30 per pound, the range covering the element of quality. A more competitive situation was the general rule, resulting from some contraction in general business.

Lavender. — Cheap French francs have made possible a general lowering of price schedules on flower oil. The quotation on 50 percent ester was $5 to $5.25 per pound; 38 percent to 42 percent ester, $3.75 to $4.25; 35-38 percent ester, $3 to $3.25; and 30-32 percent ester, $2.25 to $2.30. Spike oil remained on the firm side but with the end of the Spanish civil war probably not far distant, a change in the situation, so far as commercial relations with the primary market, may be expected.

Lemon. — Italian oil was lower at $2.90 to $3.90 per pound, prevailing according to brand and being under the influence of an easier situation at the source and a more competitive position on spot. California oil held at $2.50 per pound, and offerings were said to be substantial and capable of caring for all probable requirements.

Linaloe. — Mexican oil was shaded to $1.25 to $1.30 per pound for spot goods. However, not much was said to be forthcoming from the primary market and some interested factors were of the opinion that given a more regular shipment of oil at the source, more business could be done in local circles.

Mace. — With the producers, rock-bottom appeared to be $1.20 to $1.25 per pound, although during the past week $1.18 per pound was heard of and some commentators indicated that it was resale stuff representing oversupply in the hands of some sellers.

Nutmeg. — Quotations were $1.20 to $1.25 per pound so far as the producers were concerned and they were not disposed to go under the inside limit notwithstanding open market reports to the effect that some resellers had offered at $1.18 per pound to encourage more action on the part of buyers for consumption.

Orange.—General quotations on spot lacked developments and for the most part they seemed to be reasonably steady and favorable for larger activity on the part of manufacturing consumers. With Spring moving toward Summer, dealers expect sales to gain soon. However, in view of the six-inch snowfall in the East, and the eighteen-inch deposit in Chicago last Wednesday,

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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warm weather seemed a far off thing pleasant to think about but not very "real" so far as the market here was concerned.

Pennyroyal.—Imported material could be bought for $1.35 to $1.40 per pound last week but there were not many takers, according to most reports in local circles. Trade was dormant for the most part, sales usually involving little more than jobbing quantities.

Peppermint. — Further recession in spot or primary market prices failed to develop last week. However, they were already so low as to constitute by their very cheapness a barrier opposing further recessions in values. Planting of new crop was held up by bad weather in some of the growing areas. Local demand was very slow.

Pimento.—Leaf oil was quoted lower at $2.30 to $2.40 per pound in a quiet market. Berry oil held firm because of light supply. Stocks of both were conservative in size.

Sage.—Competition has grown substantially more aggressive and the pressure on price structures reached the point last week at which a further recession brought quotations down to the basis of $1.40 to $1.45 per pound.

Savin.—Spot goods were offered at $1.45 to $1.50 per pound in quantities ample for all the demand reaching the local dealers last week. It was a buyers' market.

Tansy.—Though the holdover will not be large, spot dealers had a disposition to shade quotations in some instances and the prices ranged $4.30 to $4.75 per pound according to holder.

Ti Tree.—The leading supplier of this article on this market reduced quotations to the basis of $3.10 to $3.50 per pound, ranging according to quantity. Use of this item was expected to gain substantially when greater knowledge of its effective action is gained by potential manufacturing consumers.

Aromatic Chemicals

Amylphenyl Acetate.—A routine business was noted but the price situation remained steady because of the lack of driving competition likely to upset schedules. Dealers took a steady view on the market and retained unchanged quotations throughout the period.

Amyl Salicylate.—Business was active within jobbing limits and a fair total of transactions aided in keeping quotations steady to firm throughout the past week.

Benzophenone.—A fair business was done at 95c. per pound and the market lacked much competition on that basis. The available supply was ample in all directions.

Diphenyl Methane.—Trade was dull. Some suppliers reported entire lack of orders, not to mention inquiries. Others intimated that the needs of buyers were little above jobbing limits. Quotations were noted at $1.30 to $1.35 per pound.

Eucalyptol.—Business gained moderately as the result of numerous consumers having been absent from the market for a long period of time. Forced to return, their needs resulted in moderately increased sales on the basis of prices more generally steady than they had been of late.

Menthol.—It was a buyers' market. All suppliers reported a very narrow consuming outlet and indicated that prices were poorly maintained. Values were subject to fluctuation and shading. Stocks unsold at this time were substantial in size.

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Petroleum Solvents, Lubricants, Fuels

Buying of Industrial Oil Is Mixed—Snow Handicaps Gasoline Movement—Heavy Storage Presents Dour Outlook —Crude Oil Production Decreases

Buyers of petroleum raw materials for industry evidenced a mixed activity in the market. Paint, varnish and lacquer manufacturers were reported as having been fairly active buyers in the middle West, but in the East the purchasing was not so good as it was in the preceding week. Snows and cold weather handicapped the market here just as it had appeared as though things were starting to move in seasonal proportions. The rubber products manufacturers were very light buyers. White mineral oils were neither brisk nor slow. Petrolatums received a little more interest from the manufacturers of sunburn creams and Summer pharmaceutical specialties.

Basically, the petroleum market situation lacked improvement. With gasoline storage stocks close to their all-time record high, the heavy oil market situation has been weakening rapidly, and there is a general belief that some of the heavy fuel oil stocks will be cracked unless by some miraculous means they may be moved into consumption during the next two or three weeks. Some refiners have shown a disposition to cut down on their runs to stills, but observers feel that an intensive and industry-wide curtailment of throughput is necessary to prevent further distintegration to an already weak and admittedly artificial price structure.

The daily average production of crude oil in United States for the week ended April 2 was 3,367,250 barrels, a decrease of 38,350 barrels from the preceding week's average, according to the estimates of the American Petroleum Institute. The average for four weeks ended April 2 was 3,297,150 barrels, and the average at this time a year ago was 3,422,350 barrels. Runs of crude to stills were reported to the A.P.I. by companies controlling 89 percent of the nation's refinery capacity as having averaged 2,868,000 barrels for 77.5 percent of operation, and an additional 277,000 barrels per day were estimated to have been sent to stills by companies not included among those reporting, for a total estimated average of 3,145,000 barrels, against 3,080,000 barrels in the preceding week.

A late press report from Tulsa indicated that a local broker there had arranged to buy 10,000,000 barrels of Mexican crude for delivery from Tampico over the next six months. Local oil interests were not interested in Mexican crude at this time, fearing that the oil would be attached if any attempt was made to deliver it.

Solvents and Diluents

The increase in the tankwagon prices for petroleum thinners and v. m. & p. naphthas in the New York City market a week ago was not extended into New Jersey and other nearby marketing centers last week. Tankcar prices in the local refinery district were also unchanged. The basic position of the market for solvents included in this group was steady and the demands of the market were active in spots. Although cold weather handicapped the paint trade last week, the movement of solvents to paint, varnish and lacquer manufacturers was fairly good.

Cleaners' Naphthas.—Refiners' prices continued in an unchanged position at the basis of 6⅜c. per gallon, f.o.b. Group 3, for tankcar lots.

Petroleum Thinners.—The increase of ½c. per gallon in the New York City tankwagon price a week ago was not extended last week. The New Jersey market was sympathetically stronger as the result of the advance in New York but there was no change west of the Hudson. The Group 3 tankcar market was in a steady position at the basis of 5⅜c. per gallon in tankcars, while the local tankcar price at refineries was 9½c. to 10c. per gallon.

Rubber Solvents.—The tire manufacturers were light buyers of tankcar lots and the Midcontinent refiners reported a steady market position at the basis of 6⅜c. per gallon, f.o.b. refinery.

Stoddard Solvent.—The Midcontinent market held in an even position at 5⅞c. per gallon for tankcar quantities, f.o.b. Group 3. There was a mild interest on the part of regular purchasers. The East Coast tankcar and tankwagon prices have not been changed for some time.

V. M. & P. Naphthas.—The tankwagon price of 11c. per gallon in the New York City market was established a week ago, having been increased from the former level of 10½c. per gallon. There has been no change in New Jersey. The Midcontinent refinery market continued in a steady position at the basis of 6⅜c. per gallon, f.o.b. refinery.

Markets at Other Centers

Chicago, Apr. 7.—The petroleum solvent and diluent market has been quiet and featureless here recently. Prices have been holding up fairly well, on a moderately good volume of business. Inquiries are reported fairly steady in volume. Paint industry buying is stated to be fairly good. Ruling prices in tankcar lots except as noted are (Tankcar prices f.o.b. Group 3 Oklahoma):—Blending naphtha, 4¼c. to 4⅜c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.5c., tankwagon; petroleum spirits, 5⅜c. to 5½c., tankcar; 16.5c., tankwagon; rubber solvent, 6⅜c. to 6½c.; lacquer diluent, 7⅜c. to 7½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; 16.2c., tankwagon; v.m. & p. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tankwagon.

Tulsa, Apr. 7.—The petroleum solvents market was quiet with prices unchanged. The V. M. & P. and light cleaners naphthas were still 6⅜c. per gallon while. Stoddard was 5⅞c. to 6c. per gallon.

Lighter Fractions

Producers of butanes, hexanes and other light gaseous solvents were holding prices in an unchanged position and according to the latest reports received from sellers, there was a good deal of steadiness in the market. The demands of the regular consumers have been mild.

Butanes.—The position of the market has not been changed recently. Leading sellers of the 16-34 degree product continued to quote tankcars at the basis of 3¾c. per gallon, f.o.b. Group 3.

Heptanes.—Mixed material in tankcar lots was priced at 8½c. per gallon while the normal grade in similar quantity was 9½c. per gallon, f.o.b. Group 3. Usual differentials for smaller quantities prevailed.

Pentanes. — Normal material continued at 8½c. per gallon, f.o.b. Group 3 in tankcar lots and the latest reports received from the sellers indicated that the price was a steady one. The laboratory grade in drum car lots continued at 14c. per gallon, also Group 3.

Petrolatums and Waxes

White Mineral Oils.—The market did not possess much in the way of new developments. Sellers reported that there was some business being done, but the market was neither brisk nor slow. Most of the orders received were applied against contracts. Pricewise, things were held in a steady position.

Paraffin Waxes.—The nominal position of the scale wax market here was 1.85c. per pound for either 122-124 A.m.p. or 124-126 A.m.p. As in the preceding week there were occasional reports of offerings out of Pennsylvania at 5 or 10 points lower than the aforementioned figure. There was a little better interest from the buyers, but not enough to give the market any strength. The fully refined waxes held an even position with a fair amount of business done with some of the larger domestic buyers.

CHICAGO, Apr. 7.—Paraffin wax is in fairly good demand. Buyers have been coming into the market in fairly good numbers lately, but they are conservative, and orders seem to be reflecting a highly cautious view of needs. Stocks are reported in fairly good shape. Ruling prices are:—122-124, 4.45c. to 4.55c. per pound; 125-127, 4.55c. to 4.65c.; 127-129, 4.65c. to 4.75c.; 130-132, bulk or bag, 5.10c. to 5.20c.; 132-134, bulk or bag, 5.35c. to 5.45c.

TULSA, Apr. 7.—Some inquiries for wax are beginning to come into the market but refiners are not inclined to go into inventories heavily at current quotations. The Midcontinent market continues to be affected by the Eastern stocks hanging over the national market. Quotations remain at 1.65c. to 1.90c. for export and 1.80c. to 2.25c. per pound for the domestic 124-26 American crude in tankcars and bags respectively.

Petrolatum.—The market has not shown very much improvement except on the demand side where some of the manufacturers of Summer pharmaceutical specialties have been showing some seasonal interest. Prices for white and amber grades continued at a low point.

Outputs and Quotas

A comparison of Bureau of Mines calculations for April production, State allowable quotas where they exist and the American Peroleum Institute's estimate of crude production for the week ended April 2 follows:—

	B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	526,500	475,000	491,850
Kansas	173,000	173,000	166,400
Texas	1,329,800	°1,510,337	1,320,900
Louisiana ..	239,800	252,275	262,450
Arkansas ...	40,000	.....	54,400
Eastern	132,600	.....	142,600
Michigan ...	51,400	.....	52,850
Wyoming ...	46,600	.....	48,350
Montana ...	12,700	.....	13,500
Colorado ...	4,600	.....	4,300
New Mexico.	106,000	103,000	104,950
California ..	698,700	†698,700	704,500
Totals	3,361,700	.....	3,367,250

° Allowable effective first of month. Sunday shut-downs continued throughout April, except in Texas portion of Rodessa field.
† Recommendation of Central Committee of California Oil Producers.

Fuels and Lubricants

The gasoline market continued in a weak position here. The cold weather and snows last week were an unseasonal handicap to the market. The heavy gallonage of gasoline in storeage gives the market a very dour outlook, and the heavy fuel oil stocks in storage will probably be cracked if they are not moved within the next few weeks, a condition that adds further to the potential weakness of things. The heavy oil situation is in very poor shape and

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline was unchanged at the refineries.

	Apr. 8	Apr. 1	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.305	$1.305	$1.376
Gasoline prices at refineries (at four refining centers) per gallon	.048125	.048125	.054375

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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REFINERY — WARREN, PA. MAIN OFFICE — BUSH TERMINAL, BROOKLYN, N. Y.

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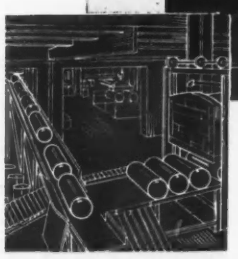

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Containers for Gases, Liquids and Solids

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1938	1937
	Jan. 1-Apr. 9	Jan. 1-Apr. 9
Commercial crude oil production	334,942,000	324,726,000
	Week ended Apr. 9, 1938	Week ended Apr. 10, 1937
Daily average production	3,354,400	3,413,200
	Week ended Apr. 2, 1938	Week ended Mar. 26, 1938
Estimated motor fuel stock total	92,924,000	92,858,000
Estimated finished motor fuel stock at refineries	60,676,000	60,467,000

another cut in C grade bunker oil prices was made last week.

Tankwagon Price Changes

NEWARK.—Tankwagon prices for kerosene were reduced ½c. per gallon to the basis of 8c. per gallon, April 6, by the Standard Oil Company of New Jersey.

Market Conditions

Gasoline.—Although the nominal position of the local refinery market for motor fuel is 7c. per gallon, the actual "going" price was 6½c. per gallon for 65 octane material and over, basis refinery. The cold weather and snows through the middle Atlantic states and in the central West did not help the market. Stocks in storage continued very high at 92,924,000 barrels for the week ended April 2, against the all-time high of 93,192,000 barrels, which was set a few weeks back. In addition to this vast stock in storage some observers in the market fear that the heavy fuel oil stocks may be cracked when the warmer weather sets in, a condition that would further weaken the motor fuel market.

Kerosene.—The market continued in a soft position here last week. There was very little activity on the demand side. The refinery market price was unchanged at 5¾c. per gallon for tank-cars of 41-43 water white material, basis refinery. The outstanding development of the week was a reduction of ½c. per gallon in the tankwagon price at Newark, N. J.

Fuel and Gas Oils.—The stocks of fuel oil here continued large and the sellers could not move much oil out of store last week. The colder weather in the latter half of the week spurred things slightly, but the sellers did not expect that it would continue unless there was an extended period of unseasonally cold weather. The price of bunker C oil was lowered last week and the refiners now posted $1.05 per barrel, f.o.b. terminals.

Lubricating Oils.—The Pennsylvania market continued in a weak position. Regular pour bright stocks were offering at 18½c. per gallon. Neutrals were very weak and the latest offering prices reported were around 20c. per gallon for 200; 19c. per gallon nominal for 180 vis; and 18c. per gallon for the 150 viscosity. Cylinder oils were also a little lower with 600 flash at 15c. per gallon; 630 flash at 18c. per gallon; and 650 fire at 14½c. per gallon. All of the aforementioned prices were inclusive of Federal tax.

Tulsa, Apr. 7.—A hiatus has developed in the refined oil markets in the Midcontinent. Dullness is apparent in nearly all products as jobbers are working off the supply acquired under lower than prevailing freight rates and refiners are holding their prices as time is working in favor of the seller. As a result of these conditions no change in quotations occurred. Low operating conditions are expected to continue during April permitting a larger withdrawal of inventories than normal during the month.

The one bright spot in the market is tractor fuel. There has been quite an increase in the demand for this product this year. One of the larger refiners is looking for an additional source of supply as orders are exceeding his current production. Prices however continue unchanged. This will apparently be a season of very large consumption which will probably top all all other records. Soil conditions throughout the Middlewest are highly satisfactory. In the wheat country growing conditions are believed to be the most desirable in several years.

GASOLINE.—Trading is quiet and prices are firm. The few offers being made by some of the smaller refiners are available only at current quotations of 4c. to 4¼c. with most of the trading being effected at 4⅛c. per gallon for third grade motor fuel. The other grades are:—63-66 octane, 4⅜c. per gallon; 67-69 octane, 4⅝c. per gallon, while the top grade of 70-72 is 4⅞c. and ranges up to 5⅛c. for the "Q" product.

NATURAL GASOLINE.—No change is also reported for this product with the 26-70 at 2½c., Oklahoma, and 2⅝c. per gallon in Texas. The next most active grade is the 18-pound selling at 3c. in Oklahoma and 3⅛c. in Texas. Considerable part of the current production is going into storage in anticipation of the Fall requirements.

KEROSENE.—The 41-43 is still 4c. to 4⅜c. and the 42-44 4⅛c. to 4½c. per gallon.

DISTILLATES.—The furnace oils are 3¾c. to 3⅞c. for the 38-40, prime white being aided by the demand for tractor distillates. However, the market is very quiet for heating. There are large inquiries for the tractor product. The 36-38 furnace oil is 3⅝c. per gallon, while the 32-36 gas oil dark ranges from 3¼c. to 3⅜c. per gallon.

FUEL OILS.—The market is quite weak, suffering from an accumulation of the first quarter production which normally is one of the best consuming seasons. The higher gravity products, however, are being well maintained due to limited production. The 24-28 low cold test is $1.05, while the high cold test is 90c. The 18-22 ranges from 75c. to 87½c. and the residuals below 15 in most instances around 10 degrees are 50c. to 65c. per barrel.

LUBRICANTS.—While prices are unchanged there has been an important increase in the movement. Some export orders have come into the field. There is a disposition on the part of refiners to work up prices but the opportunity may not arrive until some of the Eastern surplus is worked off they say.

Chicago, Apr. 7.—Reversal of weather conditions has hurt gasoline consumption as it was opening up in good shape for spring, and the snow and unseasonable cold are causing a slower demand. Then, too, jobbers are still carying gasoline bought before freight rate increases. Tankcar prices are still holding fairly well. Refiners, however, are still not asking too urgently for shipping instructions. The kerosene and tractor fuel business has been quite good. Heating oils are marking time, with demand again picking uu a little. Heavy fuel oils are still sagging. Industrial gas oils are quiet and easy. Lubricating oil markets are dull and disorganized, with limited buying.

GASOLINE.—Low octane motor, 4⅜c. to 4⅝c. per gallon; 63-66 octane, 4⅝c. to 4⅞c.; 67-69 octane, 4⅞c. to 5⅛c.; 70-72, regular, 5⅛c. to 5½c.; 60-62, 400 endpoint, 4⅜c. to 4⅝c.; 64-66, 375, 4¾c. to 5c.; 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 4⅜c. to 4⅝c. per gallon; 41-43, water white, 4⅛c. to 4⅜c.

FURNACE OILS.—Range oil, 4c. to 4⅛c. No. 1 prime white, 3⅞c. to 4c.; No. 1 straw, 3¾c. to 3⅞c.; No. 2 straw, 3⅝c. to 3⅞c.; No. 2 dark, 3⅜c. to 3½c.; No. 3, 3⅜c. to 3½c.; 32-36, dark, industrial gas oil, 2⅝c. to 2⅞c.

FUEL OILS.—No. 4, $1.10 to $1.15 per barrel; No. 5, 72½c. to 80c.; No. 6, 60c. to 70c.

New Orleans, Apr. 5.—Firmness was again the keynote of the domestic market during the past week, with no change in previous price quotations. Foreign inquiries and exports continued good. U. S. motor gasoline was quoted at 5¾c.; U. S. motor below 62 octane at 5¾c.; 63-67 octane at 6c. and 68-70 octane at 6½c.—all prices being on a per gallon basis at refinery.

The price of kerosene remained steady at 7½c. per gallon at refinery.

Bunker C fuel oil demand continued good at a quoted price of 85c. per barrel at terminal and 90c. per barrel delivered alongside; industrial plants were quoted at $1.46 per barrel, delivered.

Trade Briefs

Lion Oil Company reported completion of its sixth well in the Shuler field in Arkansas.

Huron River Silica Company, Detroit, has filed with the Securities Exchange Commission registration for 375,000 shares of $1 per common, of which $250,000 are to be offered for purchase of plant equipment.

R. H. Maples, formerly division engineer for the Cities Service Oil Company in East Texas, has been assigned to the Dallas office as staff engineer of the division of production of the American Petroleum Institute.

R. W. McDowell, vice president of the Mid-Continent Petroleum Corporation, Tulsa, has been appointed chairman of the marketer's committee of the International Petroleum Exposition, to be held in Tulsa May 14 to 21.

Dr. Gustav Egloff, director of research for the Universal Products Company, Chicago, has been named chairman of the scientific committee for the tenth International Exposition, to be held in Tulsa, Okla., May 14 to 21.

Humble Pipeline Company, Houston, Texas, was finally valued, in a tentative report by the Interstate Commerce Commission upon its property owned and used for common carrier purposes, at $59,500,000 as of December 31, 1934.

D. M. Cox and J. C. Richdale have been elected vice-presidents of the Colonial Beacon Oil Company, affiliated with the Standard Oil Company of New Jersey. C. G. Sheffield and A. F. Whiting have been elected to the directorate.

General Petroleum Corporation is building a wholesale oil plant at Fruit and Lincoln streets, Santa Ana, Calif. The structures will include a warehouse, office building and garage, two 20,000-gallon tanks and one 15,000-gallon tank.

C. E. Townsend, of the Sun Oil Company, Philadelphia, has been appointed chairman of the American Petroleum Institute's 1938 committee on fire prevention in refineries. D. V. Stroop, staff engineer of the Institute, was named secretary.

Sun Oil Company, Philadelphia, Pa., stockholders approved the proposed increase in authorized common stock to 3,000,000 shares from 2,500,000 shares. The increase is to provide a backlog of authorized stock for the company to continue its practice of paying stock dividends, usually once a year.

Derby Oil & Refining Corporation stockholders will vote April 13 on the recommendation to offer holders of the preferred stock a dividend not to exceed two and one half shares of common stock, to be valued at $5 a share, to apply on preferred dividend arrears.

United States has submitted to the Japanese government a claim of $2,214,-007.36 for property losses and damages resulting from deaths and personal injuries of Americans in the attack by Japanese bombing planes on the American gunboat Panay and her convoy of three Standard Oil Company tankers December 12, 1937, on the Yangtze river above Nanking.

Cities Service Company stockholders will vote April 26 on a proposal to convert each ten shares of outstanding common shares without par value into one share of $10 par value, and to decide on reducing the company's capital by decreasing to $10 the capital represented by each ten shares of common stock now issued and by retirement of certain stocks held in the treasury.

Helium and Oil Reserves Protection Ordered

Stringent regulations, protecting from private exploitation the nation's petroleum resources in the Teapot Dome, Wyoming, Elk Hills, California, and all other portions of the approximately 70,000 acres of naval petroleum and military and naval helium reserves, were issued by Secretary of the Interior Harold L. Ickes. Instructions have been given to the General Land Office to reject applications for oil and gas leases on lands within one mile of the exterior boundaries of the reserves. The one-mile restriction limit is imposed because mining experts estimate it affords adequate margin of protection from draining of the oil resources by private wells outside the reservation.

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Fertilizer Materials

Mixed Goods Move to Farms in Fair Style—Tonnage Running Behind Last Year—Some Mineral Ammoniates Bought for Fill-In

Deliveries of mixed goods to farms moved along in fairly good fashion last week, but the season is late, and usually a late season is a poor season. Producers' price lists have been weakened and in most areas along the Atlantic plain fertilizer mixtures are being sold and invoiced at about two dollars a ton under the prices that sellers expected they would receive when the price lists were prepared in December. The tonnage is running behind last year in all marketing districts.

There is a little replacement business in the market, mostly in the mineral ammoniates. As expected previously, cottonseed meal has been getting most of the play in the organic materials. Liquid ammoniates were dormant.

The potash market has been completely lacking in developments of an important nature and there has been very little fill-in business placed, albeit sellers expected that some should develop around the end of this month. Potash suppliers are anxious sellers, but are indisposed toward concessions as a means to move their stocks.

The recent reduction in superphosphate values did not move much material out of storage. The reduction placed the market at the identical level at which most of this season's contracts were written and came too late in the season to have any marked effect on trade.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Blood, dom., Chicago, 15c. per unit-ton.
New York, 10c. per unit-ton.
Bone, import, 1 & 65-70, 50c. per ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.7	66.7	67.0	64.0

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—There was a good movement of material out of stock points last week. The spotty movement reported for the final few days of the preceding week was overcome and last week's purchasing against contracts resumed fairly substantial proportions. The tonnage delivered was still behind that of last season. The price situation continued steady at the schedule.

Sulphate of Ammonia.—The market's position was not materially different from a week ago. There was a mildly active demand for deliveries, and although some mills were forced to delay shipments because of light stocks, the general supply seemed ample to cover the trade's requirements.

Dried Blood.—Domestic markets were lower. Chicago holders lowered their asking price from $2.90 to $2.75 per unit-ton last week, but failed to attract much buying interest at the lower figure. Prices in New York also moved down to $2.75 per unit last week, representing a decline of 10c. per unit-ton from a week ago. Imported material was in a nominal position and was last reported at $3 per unit for shipment, basis c.i.f.

Fish Scrap.—There were no further sales of Chesapeake menhaden scrap futures reported last week. The price last paid for when-and-if-made stuff was $3 and 10c. per unit-ton, f.o.b. factory. Japanese sardine meal was quoted at $45 per ton for shipment, basis c.i.f. by local importers, but out-of-town reports indicated that $44.50 per ton was being quoted in some directions.

Nitrogenous Material.—Prices for domestic material were quoted on a nominal basis and quotations were as follows:—Carrollville, $2.25 per unit for prompt shipment; Chemical, $2.40 per unit; and Norfolk, $2.60 per unit. Imported material was around $2.40 per unit, c.i.f., but many of the holders abroad quoted that price for forward shipment only.

Tankage. — The domestic market did not show much of a change from a week ago. Prices in New York were nominally around $2.75 and 10c. per unit-ton for ground and $2.70 and 10c. per unit-ton for unground. The Chicago market did not contain much interest for the buyers.

Potashes

The past week did not produce much additional interest in potash salts. Although the sellers expected that some fill-in business should find its way to the market around the latter part of this month or perhaps early in May, there is not much activity expected until that time. Except for the lot of Spanish potash, which was offered out some weeks back at low prices, the general price structure of the market has been a steady one. A Department of Commerce report on the Palestine potash development stated that exports from Palestine in 1937 were 29,100 long tons against 19,800 long tons in 1937.

Phosphates

As reported here a week ago, superphosphate sellers have recently lowered the selling price to the level at which most of this season's contracts were written some months ago. There was not much material moving out at this time. The Department of Commerce report on superphosphate in February showed production in bulk at 314,727 short tons against 374,142 tons in January, and 375,039 tons in February last year; shipments of all super amounted to 225,960 tons against 183,458 tons in January and 248,030 tons in February last year; end-of-month stocks were 1,331,912 tons against 1,342,186 tons at the end of January and 1,078,299 tons at the end of February last year. These figures are expressed in terms of 16 percent a.p.a.

Bone Materials. — The only change reported in prices last week was a reduction of 50c. per ton in the quotations for imported 1 & 65-70 steamed bone. Importers were offering this material at $20 per ton last week.

Superphosphate. — As reported here previously, sellers were quoting $8 per ton for run of pile, basis 16 percent a.p.a., pro rata charge for overage and, $8.50 per ton for guaranteed 16 percent, both in bulk, f.o.b. cars or vessels, Baltimore.

Sulphur and Pyrites

Shipments of sulphur to industry have improved slightly, although in some consuming districts there is virtually no demand and an excess of acid stocks in the hands of acidulators. In Baltimore, for instance, one acid producer is reported to have a large surplus on hand which the consuming industries in that sector cannot absorb at this time. Sulhpur prices continued at the steady position they have occupied for some time. A digest of the Bureau of Mines statistics on sulphur for 1937 appears elsewhere in this issue.

Markets at Other Centers

Atlanta, Apr. 7.—Though there are some fill-in materials being sold and the late season indicates that more materials may be required, the belief is that season's demand is about over. A decided increase in movement of mixed fertilizers to consumers is reported. The peak of the demand, however, is expected to develop later than usual, possibly near the end of the month.

Mineral ammoniates are reported moving in quantities while interest in organics is lacking. Apparently cottonseed meal is looked to for supplying spot needs of organic ammonia.

Cottonseed oil interests are putting on a campaign to get farmers to fertilize heavily for high yields on the limited acreage devoted to cotton, their welfare being served thereby, and likewise those of the fertilizer industry.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

While the surplus superphosphate has been depressing prices in some quarters, quotations are nominally the same in the Southeast, too late to make much difference what the quotations are.

Fertilizer material quotations are as follows:—

SUPERPHOSPHATE. — Nominally $9.60 per ton, producing points.

NITRATE OF SODA.—Bulk, $27 per ton, ports.

SULPHATE OF AMMONIA.—$29.50 per ton, port basis.

COTTONSEED MEAL.—7 percent grade, $23 to $23.50 per ton, interior mills.

BLOOD.—$2.90 per unit, Chicago; $3.35, Norfolk.

TANKAGE.—$2.50 to $2.60 and 10c. per unit, Chicago.

NITROGENOUS.—Foreign, $2.40 per unit, port basis; Midwest, $2.20.

Baltimore, Apr. 7.—The distribution of fertilizer mixtures is proceeding at a better pace than formerly. The market for crude fertilizer materials remains very quiet. Current figures were as follows:—

FISH SCRAP.—North Carolina producers are asking $42 per ton in buyers' bags for the Summer catch. Quotations were $3 and 10c. per unit-ton, down the Chesapeake Bay, but with no additional business booked. Japanese sardine meal is quoted at $44.50 to $45 per ton for shipment, with the figures on spot material at $45.50 to $46 per ton. Some acid scrap has been placed at $2 and 50c. per unit-ton.

TANKAGE.—$2.60 and 10c. to $2.70 and 10c. per unit-ton for unground, f.o.b. Baltimore, and $2.75 and 10c. to $2.80 and 10c. per unit-ton for ground.

BLOOD.—$2.90 per unit-ton.

BONE.—1 and 70, $20 per ton; 3 and 50 ground steamed at $23 per ton; 4½ and 50 ground raw, $26 per ton, all c.i.f.

Chicago, Apr. 7.—Further easing in the prices of representative grades of fertilizer materials is reported here. The organics

—Continued on page 52

New Mexico Potash Promoters Cleared of Fraud Charges

A jury in the Federal court at Albuquerque, N. M., March 25, acquitted six defendants in a suit alleging use of the mails to defraud in selling stock in the New Mexico Potash & Chemical Company. Charges against four other defendants were subsequently dismissed by Presiding Judge T. B. Kennedy. Three of the defendants, with four officers of the Royalty Bond & Share Company, will go to trial on similar charges in the Autumn term of the court.

In the trial a former bookkeeper for the company testified that, without making a single transaction that would bring profits, the company had set up a "paper surplus" in excess of $2,000,000. Its profits were expected to accrue from the development of leases to several concerns, one of which covering the Lomasson permit near Carlsbad, N. M., had been acquired by the Independent Potash & Chemical Company, which did no developing work. A government geologist testified that no potash deposits worthy of commercial development were known to exist on the holdings of the New Mexico company.

Sulphur Production Gained 36% in 1937

Production of sulphur in the United States in 1937 established a new peak of 2,741,970 long tons, according to the Bureau of Mines. Shipments of 2,466,512 tons were recorded for the year compared with 1,968,820 tons in 1936. The production figures for 1937 include a stockpile overrun adjustment of 57,365 long tons of sulphur produced in previous years, but not accounted for until shipped. Several hundred tons of sulphur-bearing ore used for agricultural purposes are not included in the above total. Stocks of sulphur at the mines increased from 3,100,000 long tons at the end of 1936 to 3,400,000 tons at the end of 1937. Production of sulphur was reported from California, Louisiana, Texas and Utah.

Texas increased its production from 1,723,292 tons in 1936 to 2,392,680 tons in 1937. Shipments increased to 2,030,315 tons in 1937, against 1,630,719 tons in 1936. The properties that contributed to the production in 1937 were those of the Duval Texas Sulphur Company at Boling Dome, Boling, Wharton County; Freeport Sulphur Company at Hoskins Mound, Freeport, Brazoria County; Jefferson Lake Oil Company, Inc., at Clemens Mound, Brazoria county; and the Texas Gulf Sulphur Company at Long Point Dome, Long Point, Fort Bend county; Boling Dome, Newgulf, Wharton county, and at Big Hill Dome, Gulf, Matagorda county. The latter dome is included in the list of producers in 1937 because of an adjustment in production figures.

The output of sulphur in Louisiana increased to 342,230 long tons in 1937 from 288,099 tons in 1936. Shipments were 429,602 tons in 1937 compared with 333,475 tons in 1936. The Freeport Sulphur Company was the only producer in Louisiana in 1937, but the production figure includes a stockpile adjustment figure for the Jefferson Lake Oil Company, Inc., which continued to ship from stock in 1937. Production in California and Utah in 1937 was 7,060 long tons compared with 4,947 tons in 1936.

Imports of sulphur ore (all from Chile) in 1937 were 398 long tons, while imports of sulphur in any form n.e.s. were 230 tons. Exports of crude sulphur in 1937 totaled 644,005 long tons compared with 547,199 tons in 1936. Exports of crushed, ground, refined, sublimed and flowers of sulphur in 1937 were 29,668,810 pounds, against 44,144,998 pounds in 1936.

C. C. Smith, vice-president and general sales manager of the Potash Company of America, main distributing office of which is in Baltimore, was back for a few days last week after a trip of almost three months, during which he visited virtually every part of the United States.

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Phosphate Rock Output Gained Sharply in 1937

Some portion of the increased consumption of phosphate rock in 1937 reflects the free distribution of phosphatic fertilizers to farmers by government agencies. A new factor is the successful production and shipment on a large scale of elemental phosphorus, foreshadowing, perhaps, first, freight savings that may speed up the exploitation of huge deposits in the Western States, and, second, the increased utilization of low grade phosphate rock deposits, reserves of which would probably markedly increase present conservative estimates of mineable phosphate rock reserves of the United States which already exceed 7,000,000,000 tons, according to the Bureau of Mines.

Phosphate Rock

	Long tons— 1937.	1936.
Mined	4,259,466	3,462,837
Sold or used by producers	3,954,239	3,351,857
Imports	13,400	3,100
Exports	1,052,802	1,208,951
Stocks in producers' hands, Dec. 31	1,582,000	1,330,000

Superphosphates

	Short tons— 1937.	1936.
Production*—		
Bulk	4,429,767	3,412,486
Base and mixed goods	122,680	142,459
Shipments*—		
Bulk to consumers	1,046,334	997,011
To others	2,130,860	1,672,049
Base and mixed goods	1,723,590	1,480,719
Stocks on Dec. 31.*—		
Bulk	1,313,327	1,133,640
Base and mixed goods	784,532	657,828
Exports†	78,949	68,368
Imports†	57,930	18,395
Sales of phosphate rock by producers for superphosphate production.	2,391,245	1,768,677

* Bureau of Census, statistics superphosphate industry, 16 percent available phosphoric acid.
† Long tons—Bureau of Foreign and Domestic Commerce.

Potash Salts Mining Methods Study Completed

Studies of the mechanical properties of the potash-bearing salt being mined near Carlsbad, New Mexico, and of the rock salt that overlies it and forms the mine roof, have been completed recently by the Bureau of Mines, Department of the Interior. These tests were made to obtain fundamental data of use in planning mining methods for this valuable potash-bearing mineral which is found nearly 1,000 feet below the surface of the earth. The tests indicate that a load of 2,000 pounds per square inch can be supported for a time comparable to the life of a mine.

The information obtained makes it possible to devise methods of mining by which practically all of the available potash-bearing salt can be recovered without breaking the roof. It was found that the mineral had marked plastic properties and flowed like clay when under heavy load.

Important factors in determining the rate of flow are the proportion of potassium chloride in the mineral and the pressure applied. The salt is tough and tenacious and does not break suddenly when overloaded. Instead, there is a steady spalling of loose material from all free surfaces. The rock salt which forms the roof of the mine is stronger and more rigid than the potash-bearing salt being mined. Under proper mining conditions it is not likely that this roof salt will break and admit water which is present in overlying strata.

Fertilizer Materials

Markets at Other Centers

—*Continued from page* 51

are occupying not a very strong market position. Trade is in moderate volume. Buyers are quite cautious. Inquiries show that while buyers are keeping in touch with conditions, they are slow in committing themselves. Blood business is slack. Tankage has been moving only moderately well. Bone materials reveal a more or less uninterested attitude on the part of the trade. Buying is mostly in small quantities.

BLOOD.—Principal grade, $2.75 to $3 per unit of ammonia.

TANKAGE.—High grade, ground, $2.50 to $2.75 and 10c.; low grade, $15 to $16; hoof meal, $2.75 to $3; liquid stick, $2 to $2.25.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $17 to $18; 3 and 50 percent, $18 to $19; 4½ and 50 percent, $26 to $28; grinding hoofs, pigs' toes and waste horn materials, $35 to $40, mostly nominal; cattle jaws, skulls and knuckles, $17 to $19; pork cracklings, soft pressed, $40 to $45; beef cracklings, soft pressed, $30 to $35; hard pressed cracklings, per unit of protein, 55c. to 57½c.

San Francisco, Apr. 5.—Business in crude fertilizer materials last week failed to show much further development and the market remained slow and uninteresting in general. Prices failed to show much fluctuation. The general background is far from promising at the moment. The agricultural districts are slow in absorbing goods already destined for delivery to the mixers and the associations and surpluses, while not unweildy, are in any event, starting to pile up. Fill-in business is therefore just about impossible, and it is because of this that market prices are registering in a nominal way. Blood and tankage are occasionally traded, but it is a buyer's market. Fish meals are slow. Japanese imports of the latter are appearing. European sulphate of ammonia is arriving here in small quantities.

Ruling prices were:—

SULPHATE OF AMMONIA.—Quoted in 100-pound bags at $31.50 per ton, port basis, San Francisco and Los Angeles Harbor. Inland points, delivered, $1 per ton extra.

NITRATE OF SODA.—100-pound bags, $29 per ton ex vessel San Francisco/Oakland. Two hundred-pound bags, $28.30 per ton ex vessel San Francisco/Oakland.

SUPERPHOSPHATE.—Domestic 75c. to 80c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay; bags, 80c. to 85c. per unit. Foreign material nominal.

AMMONIA PHOSPHATE.—Quoted at $42 per ton, single bags, f.o.b. cars, San Francisco, basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra.

FISH MEAL.—California sardine meal is quiet. Quoted on the basis of $47 to $48 per ton, f.o.b. cars, San Francisco/Monterey and $45 per ton, Los Angeles.

TANKAGE.—Nominal. Domestic packing house tankage, ground, high grade, quoted nominally on the basis of $2.90 and $3 and 10c. per unit-ton f.o.b. cars, Los Angeles. Lower grades, unground, quoted at $2.60 and 10c. Dry rendered, ground, quoted at 68c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 58c. nominally.

BLOOD MEAL.—Domestic $2.80 per unit, nominally, f.o.b. cars, Los Angeles.

BONE MEAL.—Domestic and imported steamed bone meal, quoted in range, according to seller and quality, at $24 to $27 per ton, delivered Pacific Coast ports.

Drug Manufacturers Will Meet May 2-5

This year's meeting of the American Drug Manufacturers Association, to be held May 2 to 5 in the Greenbrier, White Sulphur Springs, W. Va., will follow in general procedure the pattern of recent years. The associations several sections will meet May 2, and general sessions will be held on the following days.

The program for the feature general session in the forenoon May 5 will, as usual, be in the hands of the committee on sales and advertising problems, of which E. V. Fraenkel, of Frederick Stearns & Co., is chairman.

An innovation on this occasion will be a thirty-minute talking motion picture entitled, "How to Make a Sales Presentation Stay Presented." The picture was made by two outstanding selling authorities, Richard C. Borden and Alvin C. Busse. It is designed to teach salesmen (1) how to win a prospect's attention immediately; (2) how to hold a prospect's interest; (3) how to tell a short effective convincing sales story that will click; and (4) how to close with an order.

Carl B. Fritsche, until recently managing director of the National Farm Chemurgic Council, will give an address on "Science Points the Way to Progress."

The principal business of the biological section will be consideration of reports presented by the committee on preservatives in biological products and methods for sterility and safety testing, the committee on standardization of antidysenteric serum, and the committee on antityphoid vaccine.

In the sessions of the scientific section, the following committees of the pharmaceutical section will present their reports:—Pharmaceutical contact, by J. P. Snyder; catalog simplification, by W. J. Rice; hydrogen-ion concentration, by F. W. Heyl.

Investigation in the assay of theophylline-ethylenediamine will be reported by the subcommittee on organic chemicals, which is also studying the melting-point of scopolamine hydrobromide. Reports on the assay of methylene blue and of ephedrine salts will be made by the subcommittee on analytical assay methods. The subcommittee on digestive ferments and glandular products will review its latest work on reference trypsin and rennin and on the assay of thyroid tablets. Reports are scheduled also for the subcommittees on alkaloid and drug standards, chemical tests and standards, crude and milled drugs, drug extracts, pharmacological assays, and vitamin assays.

Because the Greenbrier is celebrating its one-hundred-sixtieth anniversary this year, reservations for the A.D.M.A. convention should be made early. The rate will be $11 a day on the American plan—$2.50 extra for golf. Reservations are to be made directly with the hotel.

Gasoline Weight Argued Before I.C.C.

OPD Washington Bureau
April 7, 1938

Hearings have been completed before an examiner for the Interstate Commerce Commission on the attempt of a large number of petroleum shippers to secure a modification of the present rule of the railroads in estimating the weight of gasoline at 6.6 pounds per gallon. The examiner probably will not complete his proposed report for several weeks.

Hearings in the case were held in Chicago last week, and much testimony was presented, and not disputed, that at present most gasoline shipped in tankcars is of a gravity much lighter than that prevailing at the time that the 6.6-pounds rule was put into effect. Freight rates are based on cents per 100 pounds. Shippers asked that gasoline shipped in tankcars be billed at the actual weight as computed by track scales, or that the actual weight be determined by gravity tests, or that a lower arbitrary weight be used. Many shippers asked that an arbitrary weight of 5.9 pounds per gallon be established, but several other weight figures were suggested at the hearings.

Attorneys for the railroads contended that it would be impracticable to weigh or sample each carload of gasoline, and they argued that, if the arbitrary weight is reduced, it will have the effect of reducing gasoline freight rates to such an extent that the railroads might have to increase their rate schedules. A number of major oil companies opposed any change from the weight of 6.6 pounds per gallon.

Petroleum Regulation Blocked by Penna. Court

Harrisburg, Apr. 6, 1938

Legislative plans directed to the placing of the Pennsylvania petroleum industry under State regulation were ruled unconstitutional by the Dauphin county court today. Judge J. E. Fox made permanent an injunction restraining the commission created by the legislature last year from pursuing its inquiry into the necessity and advisability of such regulation.

Declaring that the business of petroleum refining was not affected with public interest, Judge Fox held that the creation of the investigating commission by joint resolution was in violation of the declaration of rights. The commission, he said, should have been created by the passage of a bill in due form.

Paint Up Campaigns Receiving Cooperation

The twenty-sixth annual clean up and paint up campaign in Cuyahoga county, Cleveland, will start May 1, and will continue for eight days. P. J. Garvey, of the Eagle-Picher Sales Company, will head the campaign, during which a drive will be made to eliminate rubbish and to interest property owners in painting their homes and beautifying yards.

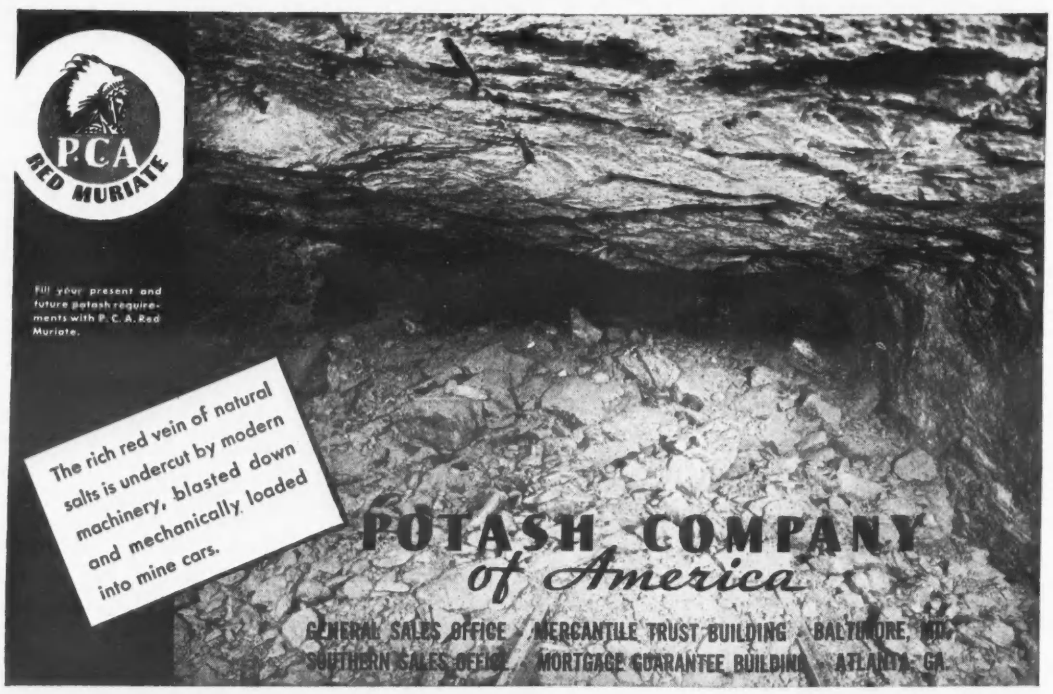
Governor Walter A. Huxman of Kansas in endorsing the drive, which gets underway there April 11, in part, said:—

The home owners of Kansas can profitably lend their support by joining with others in cleaning up their yards, removing the winter's accumulation of trash, doing the long-planned jobs and painting their properties. Many men will be given work, business activity will be stimulated, and the improved appearance of the property will be pleasing to the home owner and his neighbors and townsmen.

Mayor Maurice J. Tobin of Boston endorsed the New England campaign by saying that all such work provides employment, revives hope and contributes to a better community feeling.

Orders for clean up and paint up display material are being received by the National Clean Up and Paint Up Campaign Bureau, 2201 New York avenue, N. W., Washington, D. C., in greater volume than has been recorded this early in the season for the past five years.

Walgreen Company March sales amounted to $5,564,704, against $5,610,190 in March last year.


P.C.A.
RED MURIATE
Fill your present and future potash requirements with P. C. A. Red Muriate.
The rich red vein of natural salts is undercut by modern machinery, blasted down and mechanically loaded into mine cars.
POTASH COMPANY of America
GENERAL SALES OFFICE - MERCANTILE TRUST BUILDING - BALTIMORE, MD.
SOUTHERN SALES OFFICE - MORTGAGE GUARANTEE BUILDING - ATLANTA, GA.

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, CRESYLIC — 22 dms, 10 tons, 10 cwt, 3 qtrs, 2 lbs, Monsanto Chem Co, Ausonia, Liverpool
HYDROCHLORIDE — 1 cs, General Dyestuff Corp, Bilderdijk, Rotterdam
NAPHTHENIC — 1,000 bbls, Standard Oil Co of N J, Standard, Aruba
NITRIC — 15 dms, Advance Solvents & Chem Co, Rydboholm, Gothenburg
AGAR AGAR — 35 bls, Consumers Import Co, Yamazuki, Kobe
65 bls, T M Duche & Sons, Yamazuki, Kobe
ALBUMEN, BLOOD—1 ck, 5 cwt, 5 lbs, Rawlplug Co, Ausonia, Liverpool
VEGETABLE — 6 cs, Volkart Bros, Bremen, Bremen
ALMOND MEAL — 10 kgs, American Farmer, London
ALTHEA ROOT — 14 bgs, Excalibur, Leghorn
ALUMINUM LEAF — 48 cs, Rohner, Gehrig & Co, Paris, Havre
1 bg, Industrial Metal Co, Bilderdijk, Rotterdam
AMMONIA SULPHATE — 500 bgs, Bradley & Baker, Bilderdijk, Rotterdam
ANNATTO SEED — 60 bgs, D Steengrafe, Haiti, Kingston
10 bgs, J Victori & Co, Coamo, Trujillo
ANTIMONY ORE — 726 bgs, Philipp Bros, Santa Lucia, Arica
366 bgs, Philipp Bros, Santa Lucia, Antofagasta
REGULUS — 13 cs, C Hardy, Saturnia, Dubrovnik
ARROWROOT—600 bbls, 800 bgs, Morningstar-Nicol, Nerissa, St Vincent
10 bbls, J P Smith & Co, American Farmer, London
ARSENIC, WHITE — 559 bbls, American Smelting & Refg Co, Osage, Tampico
ARTIST'S MATERIAL — 3 cs, Favor, Ruhl & Co, American Farmer, London
6 cs, Gallagher & Ascher, Black Osprey, Rotterdam
ASBESTOS — 18 bgs, American Farmer, London
ASPHALT — 330 bgs, A V Berner & Co, Yucatan, Havana
BABASSU KERNELS — 2,000 bgs, General Foods Corp, Cape Howe, Parnahyba
3,332 bgs, General Foods Corp, Cape Howe, Mararham
833 bgs, Bank of London South America, Cape Howe, Maranham
BARBASCO — 274 bls, Scholtz & Co, Cape Howe, Iquitos
354 bls, Astoria Import & Mfg Co, Cape Howe, Iquitos
BEANS, MEDICINAL — 57 bgs, 9,252 lbs, Hamburg, Hamburg
BELLADONNA LEAVES — 17 bls, P H Petry & Co, Saturnia, Trieste
ROOT — 11 bls, Saturnia, Dubrovnik
BILBERRIES—10 bgs, 1,100 lbs, J L Hopkins & Co, Hamburg, Hamburg
BISMUTH—150 cs, Cerro de Pasco Copper Co, Santa Lucia, Callao
BLUE, BRONZE—7 cks, C J Osborn & Co, Bilderdijk, Rotterdam
BRISTLES—1 cs, S H Pomerance Co, Bremen, Bremen
7 cs, Globe Shipping Co, Hamburg, Hamburg
12 cs, Iwai & Co, Yamazuki, Kobe
10 cs, National City Bank, Naruto, Harbin
26 cs, Corn Exchange Bank, Naruto, Tientsin
20 cs, Royal Bank of Canada, Naruto, Tientsin
26 cs, Naruto, Tientsin
55 cs, Guaranty Trust Co, Naruto, Dairen
26 cs, Naruto, Dairen
7 cs, Ward, Hongkong
50 cs, F H Cone & Co, Ward, Hongkong
2 cs, Antonia, London
6 cs, American Farmer, London
7 cs, Continental Bank Trust Co, American Farmer, London
1 bbl, J Gryublat, Bilderdijk, Rotterdam
1 bbl, Draeger Shipping Co, Bilderdijk, Rotterdam
3 cs, Koenigstein, Antwerp
BUCHU LEAVES—15 bls, Norton Lilly & Co, American Farmer, London
7 bls, J L Hopkins & Co, Queen Mary, Southampton
CALCIUM, CHLORIDE—5 cs, Eimer & Amend, Washington, Hamburg
CANARY SEED—254 bgs, A G Dunn, Southern Prince, Buenos Aires
310 bgs, Southern Prince, Buenos Aires
616 bgs, J T Connor Co, Pan America, Buenos Aires
CARAWAY SEED—150 bgs, 16,500 lbs, I Grob & Co, Bilderdijk, Rotterdam
CARBON, DECOLORIZING—69 bgs, 5,390 lbs, Hamburg, Hamburg
CARDAMOM—3 cs, J L Hopkins & Co, Antonia, London
20 cs, Barber S S Line, American Farmer, London
16 cs, City of Worcester, Calcutta
20 cs, City of Worcester, Calicut
CASEIN—200 bgs, A Hurst & Co, Paris, Havre
34 bgs, A Hurst & Co, Pan America, Buenos Aires
CASSIA—100 bls, Durkee Famous Foods, Ward, Hongkong
200 bls, Gillespie & Co, Ward, Hongkong
300 bls, S L Jones & Co, Ward, Hongkong
CASTOR BEANS—1,870 bgs, Wessel, Duval & Co, Southern Prince, Rio de Janeiro
6,820 bgs, Cape Howe, Bahia
CHALK—200 bgs, 22,000 lbs, Whittaker, Clark & Daniels, Hamburg, Hamburg
COMMON—1,600 bgs, R L Watkins & Co, Antonia, London
CHAMOIS SKINS—1 cs, Corn Exchange Bank, Washington, Paris
5 cs, Washington, Havre
CHAMOMILE FLOWER—35 cs, Saturnia, Trieste
CHEMICALS—1 cs, R W Greeff & Co, Bremen, Bremen
8 pkgs, Bremen, Bremen
1 cs, Gane & Ingram, Bremen, Bremen
35 cs, Innis, Speiden & Co, Hamburg, Hamburg
50 cks, Hummel Chem Co, Hamburg, Hamburg
5 cks, Jungmann & Co, Hamburg, Hamburg
1 bbl, F Behrend, Hamburg, Hamburg
23 bbls, 125 dms, 20 cs, 48 cks, 1 bbl, 15 crbys, 80 cans, Hamburg, Hamburg
100 dms, Philip Bauer Co, Danio, Hamburg
50 crbys, Advance Solvents & Chem Co, Danio, Hamburg
2 cs, Eimer & Amend, Washington, Hamburg
3 bbls, Geigy & Co, Paris, Havre
2 bbls, Paris, Havre
4 bbls, Ciba Co, Paris, Havre
CHEMICALS—350 bgs, 20 bbls., Industrial Sales Corp, Black Heron, Antwerp
50 bbls, Philipp Bros, Black Heron, Antwerp
5 kgs, E I Du Pont de Nemours & Co, Ausonia, Liverpool
15 bgs, Bilderdijk, Rotterdam
6 dms, Advance Solvents & Chem Co, Bilderdijk, Rotterdam
2 cks, E I Du Pont de Nemours Co, Bilderdijk, Rotterdam
13 cks, Chemical Marketing Co, Bilderdijk, Rotterdam
25 cks, Stanley Doggett, Bilderdijk, Rotterdam
100 bgs, F Rionveld & Son, Black Osprey, Rotterdam
30 cks, E I Du Pont de Nemours Co, Black Osprey, Rotterdam
4 cks, Jungmann & Co, Black Osprey, Rotterdam
9 cs, Black Osprey, Rotterdam
20 cks, Philip Bauer Co, Black Osprey, Rotterdam
100 bgs, Philip Bauer Co, Mormacsun, Gdynia
150 bgs, 60 bbls, Mormacsun, Gdynia
20 cs, Mallinckrodt Chem Works, Rydboholm, Gothenburg
CHILLIES—125 bgs, Joensson Import Corp, Yamazuki, Kobe
CHINA CLAY—200 bgs, American Cyanamid & Chem Co, Bilderdijk, Rotterdam
CINCHONA PRODUCTS—5 cs, R W Greeff & Co, Bilderdijk, Rotterdam
CLAY—300 bgs, 66,000 lbs, W Manley, Washington, Hamburg
CLOVES—970 bls, Silverash, Sainte Marie
500 bls, Silverash, Fernerive
COALTAR INTERMEDIATES—1 dm, Sandoz Chemical Works, Bremen, Bremen
1 ck, General Dyestuff Corp, Bremen, Bremen
7 dms, General Aniline Works, Bilderdijk, Rotterdam
16 dms, 24 cks, 5 bots, General Dyestuff Corp, Bilderdijk, Rotterdam
COBALT METAL—10 cks, Central Trading Corp, Koenigstein, Antwerp
COCOA BEANS—350 bgs, Royal Bank of Canada, Southern Prince, Port Spain
500 bgs, Southern Prince, Port Spain
500 bgs, Wessel, Kulenkampf & Co, Coamo, Trujillo
800 bgs, Curacao Trading Co, Coamo, Trujillo
1,000 bgs, Machado & Co, Ponce, Porto Plata
650 bgs, Carr Bros, Ponce, Porto Plata
1,900 bgs, Curacao Trading Co, Ponce, Sanchez
100 bgs, Curacao Trading Co, Santa Paula, Port Cabello
22 bgs, Astrea, Haiti
7,100 bgs, W & A Leaman, Black Osprey, Rotterdam
250 bgs, W R Grace & Co, Pan America, Port Spain
500 bgs, Wessel, Kulenkampf & Co, Pan America, Port Spain
250 bgs, Pan America, Port Spain
COCONUT—454 bgs, 45,400 lbs, J Simon & Co, Manuela, Arroyo
1,086 bgs, 108,600 lbs, General Foods Corp, Manuela, San Juan
340 bgs, 34,000 lbs, I L Toledano Corp, Manuela, San Juan
200 bgs, 20,000 lbs, Manuela, San Juan
1,000 bgs, 100,000 lbs, I L Toledano Corp, Guayaquil, Cristobal
200 bgs, 20,000 lbs, J Simon & Co, Haiti, Kingston
250 bgs, 25,000 lbs, J A Manto, Haiti, Kingston
2,800 bgs, 280,000 lbs, General Foods Corp, Haiti, Kingston
1,049 bgs, 104,900 lbs, Universal Import & Export Co, Haiti, Kingston
121 bgs, 12,100 lbs, Simon & French, Coamo, San Juan
40 bgs, 4,000 lbs, Coamo, San Juan
COCONUT, DESIC—100 cs, J H Vavasseur & Co, City of Worcester, Colombo
COLOCYNTH—31 bls, Manaar, Port Sudan
COLORS—10 cs, International Forwarding Co, Hamburg, Hamburg
1 ck, Hensel, Bruckmann & Lorbacher, Hamburg, Hamburg
43 cks, 2 cns, Fulton Dye & Import Co, Paris, Havre
CADMIUM—6 cs, Hensel, Bruckmann & Lorbacher, Hamburg, Hamburg
COALTAR—16 kegs, General Dyestuff Corp, Black Osprey, Rotterdam
DRY—40 cks, C J Osborn & Co, Bilderdijk, Rotterdam
POTTERS—1 cs, L Puesche & Co, Ausonia, Liverpool
COPAIBA BALSAM — 15 cs, 1,500 lbs, Geo Uhe Co, Santa Lucia, Acajutla
15 cs, 1,500 lbs, W R Grace & Co, Santa Lucia, Acajutla
10 cs, 1,000 lbs, Magnus, Mabee & Reynard, Santa Lucia, Acajutla
CORIANDER SEED — 100 bgs, Greene Trading Co, American Farmer, London
CORK—48 bls, Cork Import Co, Paris, Havre
WASTE—100 bls, United Cork Co, Express, Algiers
CRESOL — 1 kg, 1 cwt, 8 lbs, Monsanto Chem Co, Ausonia, Liverpool
DRUGS, CRUDE — 51 cs, Chase National Bank, Queen Mary, Southampton
4 bbls, E S Ullman Allied Co, Santa Lucia, Callao
DYES, ALIZARIN — 7 cks, General Dyestuff Corp, Bremen, Bremen
11 dms, 23 jugs, 62 cks, General Dyestuff Corp, Bilderdijk, Rotterdam
ANILIN — 10 dms, Sandoz Chem Works, Bremen, Bremen
80 cks, General Dyestuff Corp, Bremen, Bremen
8 cks, General Aniline Works, Hamburg, Hamburg
1 cs, American Express Co, Hamburg, Hamburg
12 cks, 1 pkg, Hamburg, Hamburg
10 dms, Yamazuki, Osaka
12 kgs, Carbic Color & Chem Co, Washington, Havre
2 bbls, Geigy Co, Paris, Havre
53 kgs, 2 cs, Carbic Color & Chem Co, Paris, Havre
1 dm, E I duPont de Nemours & Co, Ausonia, Liverpool
1 kg, L & R Organic Prod Co, Ausonia, Liverpool
4 cks, L & R Organic Prod Co, Bilderdijk, Rotterdam
5 cs, 21 dms, 89 cks, General Dyestuff Corp, Bilderdijk, Rotterdam
DYEWOOD, CUTTED — 5 bgs, Peek & Velsor, Saturnia, Trieste
FERTILIZER, NITRATE PHOSPHATE — 1,036,392 kilos, Synthetic Nitrogen Product Corp, Black Osprey, Rotterdam
FILTER COMP—100 bls, Hamburg, Hamburg
PAPER—1 cs, A Giese & Son, Hamburg, Hamburg
4 cs, H Reeve, Angel & Co, Antonia, London
FLAXSEED—81 bgs, Southern Prince, Buenos Aires
82 bgs, J T Connor Co, Pan America, Buenos Aires
FLEASEED—20 bgs, 4,400 lbs, J L Hopkins & Co, Excalibur, Marseilles
25 bgs, 5,500 lbs, Peek & Velsor, Excalibur, Marseilles
FORMALDEHYDE SODA, HYDROSULPHITE —25 kgs, 1 ton, 8 cwt, 1 qtr, 11 lbs, Philipp Bros, Ausonia, Liverpool
GELATIN, POWD—215 bgs, R D McLellan, Bilderdijk, Rotterdam
52 bgs, R D McLellan, Black Osprey, Rotterdam
SHEET—99 bgs, L H Lang, G Van Gelder, Black Heron, Antwerp
10 cs, R D McLellan, Bilderdijk, Rotterdam
20 cs, American Express Co, Black Osprey, Rotterdam
GENTIAN ROOT—52 bls, S B Penick & Co, Excalibur, Marseilles
68 bls, S B Penick & Co, Saturnia, Dubrovnik
104 bls, R J Prentiss & Co, Saturnia, Dubrovnik
10 bls, Saturnia, Dubrovnik
GINGER ROOT—169 bgs, Knickerbocker Mills Co, Naruto, Kobe
300 bgs, Volkart Bros, City of Worcester, Alleppey
100 bgs, Knickerbocker Mills Co, City of Worcester, Alleppey
300 bgs, W T Rawleigh Co, City of Worcester, Cochin
GLASS, PLATE—4 cs, S Happel, Washington, Hamburg
WINDOW—35 cs, W J Byrnes & Co, Hamburg, Hamburg
1 cs, Hamburg, Hamburg
14 cs, Leo Popper & Son, Washington, Hamburg
1,250 cs, Vitrea Co, Washington, Hamburg
GLUE — 60 bgs, International Selling Corp, Paris, Havre
200 bgs, L H Lang G Van Gelder, Black Heron, Antwerp
LIQUID—18 cs, Dunlap Tire & Rubber Corp, Ausonia, Liverpool
MARINE BLACK—280 kgs, 7 tons, 11 cwt, 1 qtr, Selby Battersby & Co, Ausonia, Liverpool
GLUESTOCK—750 bgs, American Express Co, Ausonia, Liverpool
GRAPHITE—165 bgs, Asbury Graphite Mills, Washington, Havre
1,500 bgs, Silverash, Tamatave
GREASE, WOOL—50 dms, 10 tons, 6 cwt, 2 qtrs, 9 lbs, Ausonia, Liverpool
25 dms, 5 tons, 5 cwt, 22 lbs, Robinson-Wagner Co, Ausonia, Liverpool
GUM—50 bgs, Excalibur, Marseilles
ARABIC—150 bgs, Paul A Dunkel & Co, City of Worcester, Port Sudan
150 bgs, Innis, Speiden & Co, City of Worcester, Port Said
350 bgs, Thurston & Braidich, City of Worcester, Port Said
75 bgs, J L Hopkins & Co, City of Worcester, Port Said
70 bgs, Frank Vliet Co, Manaar, Port Sudan
150 bgs, R E Miller, Manaar, Port Sudan
150 bgs, T M Duche & Sons, Manaar, Port Sudan
150 bgs, Innis, Speiden & Co, Manaar, Port Sudan
250 bgs, Manaar, Port Sudan
CHICLE — 2,850 bls, Mexican Exploitation Co, Osage, Cozumel
COPAL — 119 bgs, G W S Patterson & Co, Antonia, London
300 bgs, Gillespie-Rogers-Pyatt Co, Black Heron, Antwerp
500 bgs, Gillespie-Rogers-Pyatt Co, Koenigstein, Antwerp
DAMMAR—100 cs, France, Campbell & Darling, Cingalese Prince, Singapore
LOCUST BEAN — 20 bgs, Innis, Speiden & Co, Excalibur, Genoa
50 bgs, Excalibur, Genoa
20 bgs, 1 ton, 1 qtr, 12 lbs, S B Penick & Co, Ausonia, Liverpool
OLIBANUM—24 cs, J L Hopkins & Co, City of Worcester, Aden
GYPSUM — 2 cs, General Shipping & Trading Co, Premen, Bremen
HENNA LEAVES — 53 bls, City of Worcester, Port Sudan
HERBS, MEDICINAL — 2 bls, 220 lbs, Averna Paola, Excalibur, Genoa
11 bls, S B Penick & Co, Saturnia, Trieste
4 bls, Peek & Velsor, Saturnia, Trieste
HOPS — 10 bls, O Seidenburg, Hamburg, Hamburg
10 bls, Hamburg, Hamburg
31 bls, Heemsoth-Kerner Corp, Washington, Hamburg
6 pkgs, Barclay Bank, Antonia, London
60 bls, R F Downing & Co, Marmacsun, Gdynia
4 bls, Carl Ullman & Co, Koenigstein, Antwerp
ILMENITE SAND — 3,300 tons, Travancore Mineral Co, Silverash, Colachel
INDIGO—31 cks, General Dyestuff Corp, Bilderdijk, Rotterdam
IRISH MOSS — 2 bls, Thurston & Braidich, Paris, Havre
65 bls, C H Reisig, Paris, Havre
15 bgs, Paris, Havre
IRON OXIDE — 30 cks, 9 tons, 8 cwt, J A McNulty, Ausonia, Liverpool
15 cks, 9 tons, 16 cwt, 3 qtrs, 10 lbs, Whittaker, Clark & Daniels, Ausonia, Liverpool
1 ck, 5 cwt, 2 qtrs, 4 lbs, C B Chrystal & Co, Ausonia, Liverpool
20 cks, 5 tons, 8 cwt, 2 qtrs, 8 lbs, J Lee Smith & Co, Ausonia, Liverpool
50 cks, Robinson-Wagner Co, Bilderdijk, Rotterdam
JUNIPER BERRIES — 135 bgs, P C Kuyper & Co, Antonia, London
LAUREL LEAVES — 50 bls, Ionian Bank, Saturnia, Patras
119 bls, Popular Bank, Saturnia, Patras
LEAVES, MEDICINAL — 25 bls, Excalibur, Marseilles
89 bls, P H Petry & Co, Excalibur, Marseilles
LITHOPONE — 100 cks, Benj Moore & Co, Bilderdijk, Rotterdam
LUPULIN — 11 cs, Heemsoth-Kerner Corp, Washington, Hamburg
MAGNESIA—1 cs, Schofield Donald Co, Ausonia, Liverpool
CALCINED—40 cs, 2 tons, 9 cwts, 14 lbs, Schofield Donald Co, Ausonia, Liverpool
MAGNESITE—1,320 bgs, City of Worcester, Madras
MANGANESE ORE—2,720 bgs, General Dry Batteries, Manuela, Ponce
MATCHES, SAFETY—20 cs, 300 cont, New York Match Co, Rydboholm, Gothenburg
MEDICINAL PREPS—250 cs, F & O Cedar Works, Washington, Hamburg
11 cs, Burroughs, Wellcome & Co, Antonia, London
5 cs, E Fougera & Co, Antonia, London
6 cs, Paris, Havre
50 cs, Bilderdijk, Rotterdam
MICA—42 cs, First Natl Bank, Southern Prince, Rio Janeiro
100 cs, Southern Prince, Rio Janeiro
66 cs, F D Pitts Co, Pan America, Buenos Aires
3 cs, American Trading Corp, Pan America, Buenos Aires
64 cs, General Electric Co, Manaar, Calcutta
BLOCK—184 cs, City of Worcester, Calcutta
CONDENSER—2 cs, City of Worcester, Calcutta
FILM—3 cs, City of Worcester, Calcutta
SPLITTINGS—10 cs, American Farmer, London
230 cs, General Electric Co, City of Worcester, Calcutta
22 cs, Philadelphia Natl Bank, City of Worcester, Calcutta
330 cs, Manaar, Calcutta
MOLASSES—1,294,347 gls, Carrabulle, San Pedro
500,000 gls, Chase Natl Bank, Dora, Monopla
843,932 gls, Commercial Molasses Co, Amolco, Banes
MUSTARD SEED—168 bgs, National City Bank, Naruto, Tientsin
156 bgs, Naruto, Tientsin
200 bgs, C Gulden, Black Heron, Rotterdam
NAPHTHALENE—250 bgs, 55,000 lbs, Charles Hardy, Black Heron, Rotterdam
635 bgs, 111,760 lbs, Mormacsun, Gdynia
NUTMEGS—180 bgs, Royal Bank of Canada, Nerissa, Grenada
250 bgs, Nerissa, Grenada
NUX VOMICA—668 bgs, City of Worcester, Colombo
2,000 pockets, Brown Bros Harriman Co, City of Worcester, Cochin
OCHER—50 cks, 3,217 lbs, J Lee Smith & Co, Excalibur, Marseilles
800 bgs, 40,304 lbs, C K Williams & Co, Excalibur, Marseilles
135 bgs, 3 tons, 1 cwt, 1 qtr, 25 lbs, Reichard-Coulston, Ausonia, Liverpool
OIL, ALMOND—25 cs, Excalibur, Marseilles
3 cs, Ungerer & Co, American Farmer, London
BAY—7 cs, D Steengrafe, Manuela, Arroyo
7 cs, Nerissa, Dominica
CAMPHOR—15 dms, Orbis Product Corp, Yamazuki, Yokohama
28 dms, Mitsubishi Shoji Kaisha, Yamazuki, Yokohama
25 dms, Irving Trust Co, Naruto, Keelung
25 dms, Naruto, Keelung
CASSIA—10 dms, Bingham & Co, Ward, Hongkong
10 dms, Fritzsche Bros, Ward, Hongkong
CHINAWOOD—150 dms, Ward, Hongkong
224 dms, Irving Trust Co, Ward, Hongkong
CINNAMON LEAF—5 dms, Silverash, Pointe des Galets
2 dms, J H Vavasseur & Co, City of Worcester, Colombo
CITRONELLA—20 dms, J F Frank, Silverash, Batavia
11 dms, City of Worcester, Colombo
CLOVE—6 dms, National City Bank, Silverash, Fernerive
COCONUT—17 cs, Schenker & Co, Washington, Hamburg
471 tons, Guaranty Trust Co, Cingalese Prince, Manila
413 tons, Best Foods, Cingalese Prince, Manila
COD—10 dms, Hamburg, Hamburg
20 dms, Washington, Hamburg
CODLIVER—551 dms, C T Smith, Washington, Hamburg
CORN—130 dms, American Farmer, London
55 dms, N C Littauer, Black Heron, Antwerp
50 dms, Black Heron, Antwerp
52 dms, Corn Product Refining Co, Ausonia, Liverpool
111,000 kilos, Black Osprey, Rotterdam
ESSENTIAL—9 dms, 2 cs, Hamburg, Hamburg
24 pkgs, Excalibur, Marseilles
3 cs, Queen Mary, Southampton
2 cs, Washington, Havre
3 dms, Naruto, Yokohama
94 cs, Paris, Havre
FISH LIVER—34 dms, Naruto, Yokohama
FUEL—92,000 bbls, Standard Oil Co of N J, F W Abrams, Aruba
110,000 bbls, Standard Oil Co of N J, Standard, Aruba
94,000 bbls, Standard Oil Co of N J, Esso Bolivar, Aruba
95,000 bbls, Standard Oil Co of N J, Kool, Aruba
68,218 bbls, Asiatic Petroleum Corp, Altair, Curacao
98,000 bbls, Standard Oil Co of N J, W G Warden, Aruba
LEMONGRASS—5 dms, Brown Bros, Harriman Co, City of Worcester, Cochin
LIME—4 cs, Dodge & Olcott Co, Nerissa, Montserrat
LINSEED—25 dms, Black Osprey, Rotterdam
LUBRICATING—2 cs, C C Wakefield & Co, Ausonia, Liverpool
125 dms, Koenigstein, Antwerp
MINERAL — 6 dms, Hensel Bruckmann & Lorbacher, Hamburg, Hamburg
205 dms, Heemsoth-Kerner Corp, Hamburg, Hamburg
OITICICA — 325 dms, 1 pkg, Cape Howe, Ceara
124 dms, Cape Howe, Fortaleza
OLIVE—125 dms, J Ossola Co, Excalibur, Piraeus
100 dms, Stefano Chrisofuli, Excalibur, Piraeus
50 dms, Antonio Corriao, Excalibur, Piraeus
50 dms, Commi Bank of Greece, Excalibur, Piraeus
70 dms, Deliyannis Bros, Excalibur, Piraeus
100 dms, Smith Weihman Co, Excalibur, Piraeus
150 cs, Excalibur, Piraeus
10 dms, J Haber, Excalibur, Leghorn
2,320 cs, Excalibur, Leghorn
4,255 cs, Excalibur, Genoa
90 bbls, Uddo Taormina Corp, Excalibur, Genoa
25 dms, J Uddo & Co, Excalibur, Genoa
25 dms, J L Schufani, Excalibur, Genoa
15 dms, B Spilliades & Co, Excalibur, Genoa
8 dms, Di Santo & Co, Excalibur, Genoa
25 dms, J Ossola Co, Excalibur, Genoa
50 dms, Banca Commi Italian Trust Co, Excalibur, Genoa
50 dms, R U Delapenha & Co, Excalibur, Marseilles
75 dms, Atlantic & Pacific Tea Co, Excalibur, Marseilles
105 bdls, 85 cs, Excalibur, Marseilles

OIL, OLIVE—200 dms, Lekas & Drivas, Excalibur, Marseilles
15 dms, A Germano, Excalibur, Marseilles
50 dms, Banco di Napoli, Excalibur, Marseilles
50 dms, Scaramelli & Co, Excalibur, Marseilles
100 dms, W A Taylor & Co, Express, Algiers
50 dms, Schroeder Bros, Express, Algiers
90 cks, 304 cs, Saturnia, Palermo
ORANGE—8 dms, Excalibur, Marseilles
1 dm, Roure Dupont, Excalibur, Marseilles
20 cs, Magnus, Mabee & Reynard, Haiti, Kingston
20 cs, Haiti, Kingston
PATCHOULI — 13 cs, Ungerer & Co, American Farmer, London
PEANUT—50 dms, De Simons Bros, Bilderdijk, Rotterdam
PETITGRAIN — 30 cs, Pan America, Montevideo
PIMENTO LEAF—1 dm, J A Manton, Haiti, Kingston
PINENEEDLE — 4 dms, Magnus, Mabee & Reynard, American Farmer, London
POLLOCK LIVER—50 dms, Consumers Import Co, Yamazuki, Yokohama
ROSEWOOD—12 dms, Cape Howe, Manaos
3 dms, Cape Howe, Para
SESAME — 150 dms, Bilderdijk, Rotterdam
50 dms, N C Littauer, Bilderdijk, Rotterdam
SPERM BLUBBER — 85,046 kilos, W G Smith & Co, Bilderdijk, Rotterdam
TEASEED — 100 dms, Consumers Import Co, Ward, Hongkong
110 dms, Ward, Hongkong
100 dms, Leghorn Trading Co, Ward, Hongkong
PAINT—5 dms, American Bembug Corp, Danio, Hamburg
1 cs, Ford Motor Co, American Farmer, London
PAPAIN — 20 cs, S B Penick & Co, Cingalese Prince, Colombo
7 hlf cs, City of Worcester, Colombo
PAPRIKA — 75 bgs, Schenker & Co, Washington, Hamburg
50 bgs, H Schoenfeld & Son, Washington, Hamburg
25 bgs, J Raphael & Son, Saturnia, Trieste
50 bgs, 12 cs, H Schoenfeld & Son, Saturnia, Trieste
232 bgs, 25 cs, Saturnia, Trieste
PEATMOSS — 1,000 bls, 100 hlf bls, Danio, Hamburg
2,418 bls, C K Ketzel, Bilderdijk, Rotterdam
100 hlf bls, 2,630 bls, Premier Peatmoss Corp, Bilderdijk, Rotterdam
840 bls, Half Moon Mfg Trading Co, Black Osprey, Rotterdam
PEPPER, BLACK—80 bgs, City of Worcester, Cochin
80 bgs, City of Worcester, Calicut
WHITE—168 bgs, Silverash, Batavia
PETROLEUM, CRUDE—65,673 bbls, Gulf Oil Corp, Senator, Las Piedras
72,720 bbls, Cities Service Asphalt Co, Marathon, Las Piedras
104,056 bbls, Standard Oil Co of N J, F W Weller, Guiria
DERIVATIVES—25 dms, Hamburg, Hamburg
REFINED—200 dms, R F Cruickshank, Hamburg, Hamburg
PIMENTO—100 bgs, A G Dunn, Haiti, Kingston
POPPYSEED—150 bgs, 16,500 lbs, Daryea Seed Co, Bilderdijk, Rotterdam
250 bgs, 27,500 lbs, Levy & Levis Co, Black Osprey, Rotterdam
205 bgs, 22,550 lbs, Knickerbocker Mills Co, Black Osprey, Rotterdam
100 bgs, 11,000 lbs, American Bluefriesveen Co, Black Osprey, Rotterdam
POTASH, CHLORATE POWD—1,200 dms, 287,760 lbs, Uniform Chem Prod Co, Hamburg, Hamburg
630 dms, 150,796 lbs, Uniform Chem Prod Co, Danio, Hamburg
PUMICE, ARTIF—20 cs, Black Osprey, Rotterdam
PYRETHRUM FLOWERS—125 bls, R J Prentiss & Co, Yamazuki, Kobe
12 bls, Peek & Velsor, Yamazuki, Kobe
24 bls, Saturnia, Trieste
PYRITES—5,709,880 kilos, Pyrites Co, Frances Dawson, Huelva
QUASSIA CHIPS—45 bgs, Peek & Velsor, Haiti, Kingston
30 bgs, J L Hopkins & Co, Haiti, Kingston
QUEBACHO EXTRACT—850 bgs, Tannin Corp, Southern Prince, Buenos Aires
500 bgs, International Prod Corp, Pan America, Buenos Aires
RAPESEED—259 bgs, Levy & Levis Co, Southern Prince, Buenos Aires
250 bgs, National City Bank, Express, Constanza
200 bgs, J T Connor Co, Pan America, Buenos Aires
RESIN—62 cs, Paul Bertuch & Co, Cape Howe, Iquitos
33 cs, Astoria Import & Mfg Co, Cape Howe, Iquitos
84 cs, Cape Howe, Iquitos
RICE FLOUR—100 bgs, Half Moon Mfg Trading Co, Black Osprey, Rotterdam
ROOT, MEDICINAL—35 bls, 10,307 lbs, Hamburg, Hamburg
52 bls, Excalibur, Marseilles
20 bls, 2,200 lbs, F D Keller, Black Heron, Antwerp
40 bls, 4,400 lbs, Black Heron, Antwerp
8 bls, S B Penick & Co, Saturnia, Trieste
1 bl, Peek & Velsor, Saturnia, Trieste
ROTTENSTONE—20 cks, 1 ton, 3 cwt, 2 qtrs, 8 lbs, C B Chrystal & Co, Ausonia, Liverpool
RUBBER, SYN—14 bgs, 1 ck, Advance Solvents & Chemical Co, Bilderdijk, Rotterdam
SALTPETER—2,140,004 kilos, Guaranty Trust Co, Frida, Iquique
SANDALWOOD BILLETS—904 bgs, W J Bush & Co, City of Worcester, Madras
SARDINE MEAL—2,000 bgs, Manufacturers Trust Co, Naruto, Kobe
SENNA LEAVES—140 bls, Midland Trust Co, City of Worcester, Port Sudan
SESAME SEED—186 bgs, City of Worcester, Calcutta
63 bgs, City of Worcester, Colombo
SHELLAC—200 bgs, A Hurst & Co, City of Worcester, Calcutta
400 bgs, Argenti & Co, City of Worcester, Calcutta
500 bgs, Wm Zinsser & Co, City of Worcester, Calcutta

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SHELLAC—100 bgs, E E Androvette, City of Worcester, Calcutta
100 bgs, E E Androvette, Manaar, Calcutta
453 bgs, Wm Zinsser & Co, Manaar, Calcutta
100 bgs, Irving Trust Co, Manaar, Calcutta
200 bgs, Brown Brothers, Harriman Co, Manaar, Calcutta
300 bgs, Bank of London, South America, Manaar, Calcutta
200 bgs, 160 cs, Manaar, Calcutta
SEEDLAC—200 bgs, Philadelphia National Bank, City of Worcester, Calcutta
1,000 bgs, Guaranty Trust Co, City of Worcester, Calcutta
200 bgs, Gillespie, Rogers, Pyatt Co, City of Worcester, Calcutta
200 bgs, E E Androvette, City of Worcester, Calcutta
800 bgs, Argenti & Co, City of Worcester, Calcutta
700 bgs, Argenti & Co, Manaar, Calcutta
200 bgs, Grace National Bank, Manaar, Calcutta
200 bgs, Wm Zinsser & Co, Manaar, Calcutta
SOAP—250 cs, Manufacturers Trust Co, Bremen, Bremen
3 dms, W J Bush & Co, Queen Mary, Southampton
67 cs, Concentrate Manufacturing Corp, Washington, Havre
5 cs, Titan Shipping Co, American Farmer, London
BASE—50 cs, Yardley & Co, Antonia, London
CASTILE—79 cs, 3,438 lbs, Commercial Bank of Greece, Excalibur, Piraeus
COMMON—910 cs, 36,478 lbs, Conti Product Co, Excalibur, Leghorn
SADDLE—100 cs, Salomon & Philipps, American Farmer, London
SODA, BENZOATE—75 bbls, 8,929 lbs, W R Warner & Co, Hamburg, Hamburg
CARBONATE MONOHYDRATE — 12 dms, 1 ton, 2 cwt, 1 qtr, 16 lbs, Merck & Co, Ausonia, Liverpool
HYDROSULPHITE — 40 dms, 9,504 lbs, Hamburg, Hamburg
SPONGES — 17 bls, Florida Sponge & Chamois Co, Yucatan, Havana
30 bls, Schroeder & Tremayne, Yucatan, Havana
1 cs, J H Rhodes & Co, Yucatan, Havana
5 bls, J E Bernard & Co, Oriente, Havana
3 bls, Oriente, Havana
REFUSE — 6 bls, American Express Co, Yucatan, Havana
75 bls, J H Rhodes & Co, Yucatan, Havana
10 bls, J E Bernard & Co, Oriente, Havana
20 bls, Oriente, Havana
STARCH, POTATO — 682 bgs, Stein, Hall & Co, Bilderdijk, Rotterdam
200 bgs, Bilderdijk, Rotterdam
50 bgs, Whittaker, Clark & Daniels, Bilderdijk, Rotterdam
STEATITE — 10 bbls, 6,056 lbs, M Kirchberger, Excallibur, Leghorn
TALC — 200 bgs, Excalibur, Leghorn
36 bbls, 21,208 lbs, Caldwell & Co, Excalibur, Leghorn
4,032 paper bgs, Naruto, Dairen
TAMARINDS — 5 bbls, Manaar, Calcutta
TANKAGE—3,048 bgs, Dagfred, Santos
TAPIOCA FLOUR—500 bgs, National Adhesive Corp, Silverash, Batavia
407 bgs, Silverash, Colachel
TARTAR, CRUDE—135 bgs, Standard Brands, Excalibur, Marseilles
220 bgs, Charles Pfizer, Excalibur, Marseilles
446 bgs, Charles Pfizer, Express, Algiers
126 bgs, W R Grace & Co, Santa Lucia, San Antonio
191 bgs, Standard Brands, Bilderdijk, Rotterdam
TEAWASTE—810 bgs, Citro Chem Co, Antonia, London
2,967 bgs, City of Worcester, Calcutta
2,375 bgs, Citro Chem Co, City of Worcester, Calcutta
TIMBO ROOT, POWD—508 cs, Irving Trust Co, Cape Howe, Para
TONKA BEANS—1 ck, Machado & Co, Southern Prince, Port Spain
TURMERIC — 160 bgs, City of Worcester, Alleppey
UMBER, BURNT—9 cks, 5,115 lbs, Stanley Doggett, Excalibur, Alexandria
15 cks, Scott L Libby Co, Excalibur, Alexandria
URANIUM OXIDE, BLACK—60 cks, Central Trading Corp, Koenigstein, Antwerp
VALONIA—2,246 bgs, 330,000 lbs, J A Barkey & Co, Express, Chanak
VANADIUM — 1,550 bgs, Vanadium Corp, Santa Lucia, Callao
VANILLA BEANS — 34 cs, Banca Comm'l Italian Trust Co, Excalibur, Marseilles
28 cs, Thurston & Braidich, Excalibur, Marseilles
26 cs, Dodge & Olcott Co, Excalibur, Marseilles
167 cs, French Line, Excalibur, Marseilles
104 cs, Excalibur, Marseilles
39 cs, Guaranty Trust Co, Excalibur, Marseilles
1 cs, H A Astlett & Co, Nerissa, Dominica
1 cs, Nerissa, Dominica
10 cs, Integrity Trust Co, Washington, Havre
28 cs, Zink & Treist, Antonia, Southampton
9 cs, Dammann & Smaltzer, Paris, Havre
13 cs, Paris, Havre
CUTS—8 cs, Thurston & Braidich, Yucatan, Vera Cruz
VARNISH—2 cs, Favor, Ruhl & Co, Paris, Havre
WATER, MINERAL—15 cs, S Dorf Co, Washington, Havre
440 cs, Rohner, Gehrig & Co, Bilderdijk, Rotterdam
WAX, BEES—37 bgs, D Steengrafe, Yucatan, Havana
12 bgs, Yucatan, Havana
17 bgs, Galban & Co, Yucatan, Havana
21 bgs, Lenape Trading Co, Coamo, Trujillo
3 bgs, Curacao Trading Co, Coamo, Trujillo
3 bgs, Astrea, Haiti
4 seroons, Porcella Vicini & Co, Astrea, Monte Cristy
7 bgs, Mecke & Co, Astrea, Azua
26 bgs, Osage, Tampico
CARNAUBA—72 bgs, Guaranty Trust Co, Cape Howe, Bahia
67 bgs, Strahl & Pitsch, Cape Howe, Bahia
84 bgs, Chase Natl Bank, Cape Howe, Bahia
56 bgs, S C Johnson & Son, Cape Howe, Ceara
168 bgs, Strohmeyer & Arpe Co, Cape Howe, Ceara
56 bgs, Strahl & Pitsch, Cape Howe, Ceara
149 bgs, Cape Howe, Ceara
56 bgs, American Cyanamid & Chem Co, Cape Howe, Natal
34 bgs, W R Grace & Co, Cape Howe, Camocim
168 bgs, Strahl & Pitsch, Cape Howe, Camocim
151 bgs, Strohmeyer & Arpe Co, Cape Howe, Parnahyba
63 bgs, Strahl & Pitsch, Cape Howe, Parnahyba
63 bgs, Lenape Trading Co, Cape Howe, Parnahyba
250 bgs, Bank of London South America, Cape Howe, Parnahyba
501 bgs, S C Johnson & Son, Cape Howe, Parnahyba
WAX, CARNAUBA—63 bgs, Guaranty Trust Co, Cape Howe, Panahyba
188 bgs, Cape Howe, Parnahyba
CERESIN—20 bgs, W Manley, Hamburg, Hamburg
MINERAL—20 cks, 5 bgs, Bilderdijk, Rotterdam
MONTAN—334 bgs, 55,110 lbs, Innis, Speiden & Co, Washington, Hamburg
MOULDING—10 cs, P H Petry & Co, Hamburg, Hamburg
OZOKERITE—36 bgs, Heemsoth Kerner Corp, Hamburg, Hamburg
20 bgs, Strahl & Pitsch, Saturnia, Trieste
STAIN—15 cs, J W Warnecke Corp, Bilderdijk, Rotterdam
WOODFLOUR—100 bgs, State Chem Co, Bilderdijk, Rotterdam
YEAST—50 bbls, Hamburg, Hamburg
160 bbls, Vulkan Yeast Co, Hamburg, Hamburg
ZINC OXIDE—100 cks, 27,060 lbs, State Chem Co, Mormacsun, Gdynia
SULPHATE—125 cks, Koenigstein, Antwerp

New York Transit Imports

CAMPHOR, CRUDE—500 cs, Eastman Kodak Co, Naruto, Keelung, Rochester
GINGER ROOT—112 bgs, R T French Co, Haiti, Kingston, Rochester
PAPAIN—97 cs, American Ferment Co, City of Worcester, Colombo, Buffalo
VANILLA BEANS—41 cs, M Cortizas Co, Excalitur, Marseilles, Philadelphia
10 cs, M Cortizas Co, Yucatan, Vera Cruz, Philadelphia
CUTS—2 cs, M Cortizas Co, Yucatan, Vera Cruz, Philadelphia

Baltimore Imports

IRON ORE — 21,800 tons, Bethlehem Steel Co, Marore, Cruz Grande
22,000 tons, Bethlehem Steel Co, Chilore, Cruz Grande
MANGANESE ORE — 8,491 tons, Ensley City, Calcutta
1,400 tons, City of Auckland, Calcutta
OIL, CHINAWOOD — 300 dms, Anna Maersk, Hongkong
FUEL—51,000 bbls, Standard Oil Co of N J, T J Williams, Aruba

Boston Imports

ACID, CRESYLIC—100 dms, 23 tons, 2 cwt, 3 qtrs, 24 lbs, White Tar Co, Cold Harbor, Liverpool
175 dms, 40 tons, 9 cwt, 1 qtr, 1 lb, Ausonia, Liverpool
ASBESTOS — 534 bgs, 10 tons, Davies-Turner Co, Cold Harbor, Liverpool
BARIUM NITRATE — 100 bbls, 57,878 lbs, Pipestone County, Havre
BASIC SLAG — 2,000 bgs, 201,545 lbs, Bradley & Baker, Herma, Antwerp
BAUXITE RESIDUE — 698,858 lbs, Black Falcon, Rotterdam
BONE MEAL — 400 bgs, 40,454 lbs, Ore & Chemical Corp, Koenigsberg, Hamburg
1,095 bgs, 110,322 lbs, Wessel, Duval & Co, Black Falcon, Antwerp
CHEMICALS — 100 bgs, 22,266 lbs, Koenigsberg, Hamburg
100 bgs, 100 cks, Koenigsberg, Bremen
232 dms, 25 cks, 114,816 lbs, Black Falcon, Rotterdam
75 bbls, 30,897 lbs, Philipp Bros, Black Falcon, Antwerp
1,010 bgs, 198,798 lbs, Black Falcon, Antwerp
100 bgs, 22,046 lbs, Industrial Sales Corp, Black Falcon, Antwerp
50 bgs, 12,071 lbs, American Cyanamid & Chem Co, Herma, Antwerp
COCOA BEANS — 700 bgs, 114,926 lbs, W & A Leaman, Black Falcon, Rotterdam
COCOA BUTTER—5 cs 694 lbs, Stephen L Bartlett, Black Falcon, Rotterdam
DRESSING, LEATHER — 1 cs, American Express, Koenigsberg, Bremen
EMERY, FILLET — 1 cs, John Hetherington, Ausonia, Liverpool
1 cs, Atkinson, Haserick & Co, Ausonia, Liverpool
POWDER—8 bgs, Nicholson & Co, American Farmer, London
FISH LIVERS — 120 tins, Hokkai, Yokohama
1 cs, Atwood & Co, Yarmouth, Yarmouth
3 cs, J A Rich & Co, Yarmouth, Yarmouth
GINGER ROOT — 100 bgs, City of Worcester, Alleppey
GLASS, PLATE — 1 cs, 229 lbs, American Express Co, Koenigsberg, Hamburg
12 cs, 41,094 lbs, Karas & Karas Glass Co, Black Falcon, Antwerp
WINDOW—125 cs, 19,409 lbs, McKeesport, Hamburg
GLUE, MARINE, PITCH—20 dms, 9 crts, L W Ferdinand Co, American Farmer, London
GLUESTOCK, FISH—18 bxs, J R Poole Co, Yarmouth, Yarmouth
1 cs, R H Ranagan, Yarmouth, Yarmouth
HIDE—40 bls, 19,856 lbs, order, Herma, Antwerp
176 bgs, 15 tons, 2 cwts, 2 qtrs, 23 lbs, American Express Co, Cold Harbor, Liverpool
80 bgs, Cold Harbor, Liverpool
109 bls, 13 tons, 10 cwts, 2 qtrs, 2 lbs, Ausonia, Liverpool
GUM, INDUSTRIAL—20 cks, 4,939 lbs, Excalibur, Marseilles
LARD COMPOUND—1 cs, 2 qtrs, 9 lbs, Lever Bros, Ausonia, Liverpool
MAGNESIA, CARBONATE—224 bgs, 5 tons, 4 cwts, Schofield-Donald & Co, Cold Harbor, Glasgow
MAGNESITE—20 bgs, 44,092 lbs, Black Falcon, Rotterdam
MEDICINAL PREPS—1 cs, McLaughlin & Freeman, Ausonia, Liverpool
7 cs, Ausonia, Liverpool
MOWRAH MEAL—34 bgs, 6,801 lbs, Black Falcon, Antwerp
OCHER—20 cks, 50 bgs, 15,002 lbs, Reichard-Coulston, Excalibur, Marseilles
OIL, COCONUT—472 tons, Philippine Refining Co, Cingalese Prince, Cebu
CODLIVER—200 dms, 98,184 lbs, Konigsberg, Hamburg
50 dms, 12,676 lbs, C P Washburn Co, McKeesport, Hamburg
40 dms, 10,141 lbs, McKeesport, Hamburg
FISHLIVER—10 dms, Hokkai, Yokohama
FUEL—24,600 bbls, 1,033,200 gls, Colonial Beacon Oil Co, Joseph Seep, Aruba
MINERAL—25 dms, 11,618 lbs, Kuhn Libby Corpn, Konigsberg, Hamburg
OLIVE—53 cs, 6,548 lbs, Excalibur, Genoa
PEANUT—147 bbls, 68,572 lbs, Black Falcon, Rotterdam
OSSEIN—4,000 bgs, 447,975 lbs, J O Whitten & Co, Black Falcon, Antwerp
2,000 bgs, 203,529 lbs, Atlantic Gelatine Co, Black Falcon, Antwerp
2,714 bgs, 396,808 lbs, Black Falcon, Antwerp
2,000 bgs, 223,987 lbs, Herma, Antwerp
500 bgs, 55,997 lbs, J O Whitten & Co, Herma, Antwerp
PEATMOSS—1,277 bgs, Robert Gair, Konigsberg, Bremen
500 bls, Louis E Page Co, Koenigsberg, Bremen
2,300 bls, Koenigsberg, Bremen
PEATMOSS—400 bls, 58,003 lbs, Atkins & Durbrow, McKeesport, Hamburg
2,650 bls, 390,324 lbs, Peat Import Corp, McKeesport, Hamburg
PEPPER, RED — 15 bgs, 1,707 lbs Stone & Downer, Koenigsberg, Hamburg
PETROLEUM, CRUDE — 43,760 bbls, 6,577 tons, Colonial Beacon Oil Co, Joseph Seep, Las Piedras
POTASH, CHLORATE — 515 dms, 123,528 lbs, Uniform Chemical Products, Koenigsberg, Hamburg
QUEBRACHO EXTRACT — 8,805 bgs, 961,171 lbs, American Tanners, Culberson, Buenos Aires
400 bgs, 44,200 lbs, International Products Corp, Culberson, Buenos Aires
SHELLAC — 200 bgs, Bankers Trust Co, City of Worcester, Calcutta
SEEDLAC—200 bls, First Nat Bank, City of Worcester, Calcutta
SOAP—75 cs, 3,115 lbs, Conti Products Corp, Excalibur, Leghorn
1 cs, Lever Bros, Ausonia, Liverpool
SADDLE — 1 cs, McLaughlin & Freeman, Ausonia, Liverpool
TOILET—1 cs, Lever Bros, American Farmer, London
SODA, HYDROSULPHITE — 80 kgs, 5 tons, 14 cwt, 2 qtrs, 6 lbs, Philipp Bros, Ausonia, Liverpool
STARCH, CHEMICALLY TREATED — 500 bgs, 55,115 lbs, Black Falcon, Rotterdam
POTATO — 250 bgs, 55,115 lbs, Black Falcon, Rotterdam
100 bgs, 22,046 lbs, Arnold Hoffman & Co, Black Falcon, Rotterdam
TALLOW, VEGETABLE — 742 cs, 75,439 lbs, Culberson, Para
TANKAGE — 991 bgs, 110,245 lbs, Culberson, Buenos Aires
1,660 bgs, 168,046 lbs, Culberson, Santos
TURMERIC — 80 bgs, City of Worcester, Cochin
WASHING COMPOUND — 22 cks, 10 tons, 16 cwt, 3 qtrs, 12 lbs, J P Marston Co, Cold Harbor, Manchester
WATER, MINERAL — 125 cs, S S Pierce Co, American Farmer, London
WHITING — 500 bgs, 55,115 lbs, T D Downing Co, Black Falcon, Antwerp

Boston Transit Imports

COLOR, DRY — 3 cs, American Express Co, Ausonia, Liverpool for Cleveland

Houston Imports

MAGNESITE, CALCINED — 36 dms, Western Queen, Rotterdam
OIL, CREOSOTE — 2,708 tons, Cleopatra, Manchester

Lake Charles Imports

SODA NITRATE — 3,325 tons, Puerto Rican, Tocopilla

Los Angeles Imports

AMMONIA PHOSPHATE—49,280 lbs, Astoria, Paris
300,160 lbs, Rosebank, Trail
598,080 lbs, San Antonio, Paris
SULPHATE—280,000 lbs, Rosebank, Trail
672,000 lbs, Delftdijk, Haarlem
ARSENIC—55,120 lbs, Annie Johnson, Stockholm
BABASSU KERNELS—110,320 lbs, West Ira, Maranhao
CALCIUM NITRATE — 6,493,800 lbs, Benj Franklin, Oslo
CAMPHOR, REFINED—1,000 lbs, from Kobe
CASSIA, UNGROUND—12,270 lbs, Granville, Hongkong
CHEMICAL COMPOUND — 10 lbs, Naruto, Tokio
1,500 lbs, Yamazuki, Yokohama
2,510 lbs, Taiyo, Yokohama
SALT—1,010 lbs, Naruto, Tokio
CHILLIES—1,420 lbs, from Mexico
COALTAR, CRUDE—50,000 lbs, Gracia, London
COCONUT, DESIC — 39,580 lbs, Granville, Philippine Islands
102,300 lbs, Triton, Manila
14,000 lbs, Bengalen, Manila
COCONUTS—27,000 lbs, San Antonio, Colon
18,760 lbs, San Bernardino, Colon
COPRA—336,000 lbs, Granville, Zamboanga
1,164,800 lbs, Granville, Manila
1,120,000 lbs, Granville, Philippine Islands
1,120,000 lbs, Granville, Legaspi
1,120,000 lbs, Admiral Halstead, Cebu
1,960,000 lbs, Admiral Halstead, Philippine Islands
773,630 lbs, Admiral Halstead, Apra, Guam
MEAL—600,000 lbs, Bengalen, Manila
1,898,000 lbs, Silverwillow, Manila
1,277,640 lbs, Granville, Manila
300,000 lbs, Silverwillow, Philippine Islands
300,000 lbs, Admiral Halstead, Cebu
DRUGS, CRUDE—2,220 lbs, Granville, Singapore
3,560 lbs, Amerika, Nassau
25,800 lbs, Kauto, Yokohama
FERTILIZER—150,080 lbs, Astoria, Selzaete
2,000 lbs, Gracia, London
100,000 lbs, San Antonio, Brussels
GELATIN, EDIBLE—7,390 lbs, Delftdijk, Rotterdam
GLASS, PLATE—20 cs, 37,800 lbs, Astoria, Brussels
ROLLED—21 cs, 7,610 lbs, Astoria, Brussels
SHEET—15 cs, 3,860 lbs, San Antonio, Charleroi
65 cs, 8,480 lbs, San Antonio, Brussels
GUM, COPAL—22,500 lbs, Silverwillow, Macassar
INK, INDIAN—20 lbs, Yamazuki, Tokio
OIL, CHINAWOOD — 62,100 lbs, Granville, Hongkong
CITRONELLA—2,210 lbs, Silverwillow, Batavia
COCONUT—1,119,520 lbs, Bengalen, Manila
CODLIVER, POULTRY — 51,040 lbs, Benj Franklin, Oslo
COTTONSEED, REFD—2,645,990 lbs, Nanman, Sao Paulo
MINERAL, PURE—59,360 lbs, Europa, Copenhagen
OLIVE—57,630 lbs, from Genoa
SESAME—89,230 lbs, Astoria, Amsterdam
SPERM—38,570 lbs, Delftdijk, Rotterdam
PARAFFIN—56,000 lbs, Silverwillow, Sourabaya
PAW PAW JUICE—210 lbs, Hauraki, Apia
PEATMOSS—414,400 lbs, Europa, Malmo
123,200 lbs, Europa, Copenhagen
PEPPER, WHITE—10,500 lbs, Granville, Batavia
PIMENTO—5,220 lbs, Europa, Kingston
POTASH, CAUSTIC—33,720 lbs, Elbe, Berlin
RICE, FLOUR—2,450 lbs, Taiyo, Yokohama
SESAME SEED—1,000 lbs, Granville, Hongkong
SHELLAC—8,000 lbs, Bengalen, Calcutta
SILVERSAND—1,344,000 lbs, San Antonio, Antwerp
SOAP, SOFT—3,310 lbs, Benj Franklin, Oslo
SADDLE—1,580 lbs, Delftdijk, London
TOILET—410 lbs, San Antonio, Paris
SODA, CHLORATE—49,900 lbs, San Antonio, Paris
STARCH, CHEMICALLY TREATED—21,680 lbs, Delftdijk, Amsterdam

TAPIOCA FLOUR—5,510 lbs, Silverwillow, Sourabaya
11,040 lbs, Silverwillow, Batavia
TANKAGE—94,080 lbs, West Ira, Buenos Aires
WAX, SEALING—20 lbs, Delftdijk, Amsterdam
WHITING—21,910 lbs, Annie Johnson, Malmo

Mobile Imports

ORE—3,950 tons, Lago, Santiago
2,905 tons, Herleik, Port of Spain

New Orleans Imports

BAUXITE ORE—2,910 tons, Republic Mining & Mfg Co, Austvangen, Paramaribo
2,540 tons, Republic Mining & Mfg Co, Bjerka, Paramaribo
165 tons, Republic Mining & Mfg Co, Bjerka, Port of Spain
3,015 tons, Aluminum Ore Co, Golden Sword, Georgetown
1,661 tons, Republic Mining & Mfg Co, Golden Sword, Port of Spain
BLUE VITRIOL—3,000 sx, United Fruit Co, Hybert, Antwerp
COCOA BEANS—950 sx, Fruit Dispatch Co, Sixaola, Bocas del Toro
CHEMICALS—250 sx, 72 dms, Bochum, Hamburg
207 dms, Whitney Bank, Hybert, Rotterdam
25 cks, 179 dms, Advance Solvents & Chemical Co, Hybert, Rotterdam
COCONUTS—100 sx, Standard Fruit & S S Co, Gatun, Ceiba
200 sx, J Blake Jr, Lysefjord, Belize
75 sx, Lysefjord, Belize
GASOLINE—2 dms, Standard Oil Co, Cadmus, Cristobal
GINGER ROOT—2 bbls, S Weiss, Sixaola, Havana
GLASS, WINDOW—390 cs, Hybert, Antwerp
GLUE, MARINE—20 kgs, United Fruit Co, Hybert, Rotterdam
GUM, CHICLE — 997 bls, Wm Wrigley, Jr, Lysefjord, Belize
IPECAC ROOT—7 bgs, Lanman & Kemp, Sinaloa, Bluefields
JALAP ROOT—72 bgs, Lusk Shipping Co, Burgerdijk, Vera Cruz
LEAVES—9 bls, Dunman Perry, Gatun, Cristobal
MOLASSES—534,309 gls, Cuba Distilling Co, Cassimir, Tunis de Zaza
847,153 gls, Cuba Distilling Co, Casimir, Cienfuegos
MUSTARD SEED — 150 sx, Catz American Co, Hybert, Rotterdam
OCHER — 200 sx, Geo Wm Rueff, Recca, Marseilles
25 bbls, 200 sx, Recca, Marseilles
OIL, CODLIVER — 265 dms, Bochum, Hamburg
LUBRICATING — 60 dms, Hybert, Antwerp
OLIVE — 25 dms, Clara, Sfax
25 dms, Clara, Algiers
20 bbls, 75 dms, 1,200 cs, Recca, Marseilles
PEPPER — 25 sx, Bochum, Hamburg
POTASH, CHLORATE — 735 dms, Bochum, Hamburg
SULPHATE — 150 bbls, N V Potash, Bochum, Hamburg
SAFFRON FLOWERS—3 sx, Lusk Shipping Co, Burgerdijk, Vera Cruz
SODA NITRATE — 7,863,900 kilos, Guaranty Trust Co, Ferncliff, Tocopilla

Norfolk Imports

BONES — 480 bgs, 21 tons, Paraguayo, Santos
LEATHER WASTE — 918 bgs, Manchester Producer, Manchester
MICA WASTE — 2,040 bgs, Auckland, Calcutta
OIL, FUEL — 20,900 bbls or 877,800 U S Measured gls, Standard Oil Co of N J, Victolite, Aruba
PALM — 1,071 tons, Banque Belge pour l'Etranger, Lossiebank, Belawan
SOAP—1 cs, American Express Co, City of Havre, Hamburg
SOYBEAN RESIDUE — 20 kgs, American Express Co, City of Havre, Hamburg
TALC — 550 bgs, 53 tons, L A Salomon & Bros, Collamer, Bordeaux

Philadelphia Imports

ACID, CRESYLIC—50 dms, Manchester Exporter, Manchester
230 dms, John H Faunce, Manchester Exporter, Manchester
AMMONIAC SAL—50 bgs, Mormacsun, Gdynia
ASBESTOS, AMOSITE—200 bgs, Ehret Magnesia Co, West Isleta, Capetown
BAUXITE—2,500 tons, Aluminum Union, Gunvor, Georgetown
BLUE, WASHING—44 bgs, R T French Co, Manchester Exporter, Manchester
BONE, MEAL—442 bgs, Ore & Chemical Corp, Koenigsberg, Hamburg
CARDAMOM SEED—7 cs, P H Petry & Co, Castilla, Puerto Barrios
13 cs, Wm E Martin, Castilla, Puerto Barrios
CHALK—376 bgs, Koenigsberg, Bremen
CHEMICALS—334 dms, Penna Salt Mfg Co, Koenigsberg, Hamburg
1 cs, Keer Maurer Co, Koenigsberg, Hamburg
776 bgs, Koenigsberg, Bremen
30 bgs, Black Falcon, Antwerp
CHINA CLAY—465 tons, 2 cwts, Moore & Munger, Bristol City, Fowey
553 tons, 9 cwts, English China Clay Sales Corp, Bristol City, Fowey
976 bgs, English China Clay Sales Corp, Bristol City, Fowey
100 cks, English China Clay Sales Corp, Bristol City, Fowey
867 tons, 15 cwts, Paper Makers Importing Co, Montreal City, Fowey
5 bgs, 3 bxs, Paper Makers Importing Co, Bristol City, Fowey
490 tons, John W. Higman Co, Montreal City, Fowey
6 bgs, John W Higman Co, Montreal City, Fowey
608 tons, 9 cwts, English China Clay Sales Corp, Montreal City, Fowey
627 bgs, English China Clay Sales Corp, Montreal City, Fowey
40 bgs, Koenigsberg, Hamburg
CHROME ORE—2,000 tons, Lavino Shipping Co, Vito, Santa Cruz, Zambales
1 cs, Ruthless Iron & Steel Co, Adrastus, Manila
2,500 tons, E J Lavino & Co, West Isleta, Beira
CLAY—250 tons, United Clay Mines Corp, Bristol City, Bristol
500 bgs, W Manley, Koenigsberg, Hamburg
BALL—80 tons, English China Clay Sales Corp, Bristol City, Fowey
328 tons, 31 cwts, Paper Makers Importing Co, Montreal City, Fowey
803 tons, John W Higman & Co, Montreal City, Fowey
10 bgs, English China Clay Sales Corp, Montreal City, Fowey
BLUE—41 tons, Moore & Munger, Bristol City, Fowey
POTTERS—40 tons, Hammill & Gillespie, Inc, Bristol City, Fowey
40 tons, English China Clay Sales Corp, Montreal City, Fowey
COALTAR DISTILLATE—15 dms, Monsanto Chemical Co, Manchester Exporter, Manchester
COLORS, EARTH—80 bgs, R T French Co, Black Falcon, Antwerp
CORK, REFUSE—1,505 bls, Armstrong Cork Co, Capo Noli, Faro
1,432 bls, Armstrong Cork Co, Capo Noli, Lisbon
WASTE—3,802 bls, Armstrong Cork Co, Capo Noli, Faro
8,232 bls, Armstrong Cork Co, Capo Noli, Lisbon
150 bls, Wicander & Co, Cypria, Lisbon
WOOD—98 bls, Armstrong Cork Co, Capo Noli, Faro
586 bls, Armstrong Cork Co, Exermont, Seville
ETHYLENE DIBROMIDE—76 dms, Howe Importing Co, Koenigsberg, Hamburg
FLAXSEED—1,564 bgs, Uruguayo, Buenos Aires
920,466 kilos, Uruguayo, Buenos Aires
FLUORSPAR—1 lot, Brown Brothers Harriman & Co, West Isleta, Capetown
HOPS—24 bls, Koenigsberg, Hamburg
ILMENITE ORE—11,200 tons, Seije, Koilthot-
IRON OXIDE—20 cks, Jos A McNulty, Manchester Exporter, Manchester
LEAVES, MEDICINAL—31 bls, Cypria, Marseilles
MOLASSES — 748,494 gls, North American Trading & Import Co, Winnetou, Sagua la Grande
673,592 gls, North American Trading & Import Co, Winnetou, Cienfuegos
MOTOR SPIRITS—2 cs, Atlantic Refining Co, West Isleta, Capetown
MUSTARD SEED—10 bgs, Mormacsun, Gdynia
NAPHTHALENE—694 bgs, Bristol City, Bristol
OIL, CODLIVER—230 dms, Allen Forwarding Co, Koenigsberg, Hamburg
CORN—36,107 kilos, Black Falcon, Rotterdam
77,420 kilos, Black Falcon, Antwerp
MINERAL—50 dms, S Schwabacher & Co, Inc, Koenigsberg, Hamburg
20 dms, Kuhne, Libby & Co, Koenigsberg, Hamburg
OLIVE—750 cs, Exermont, Seville
15 cs, Giulia, Palermo
OXIDE, RED—625 bbls, F B Vandergrift & Co, Black Falcon, Antwerp
PEATMOSS—1,900 bls, Koenigsberg, Bremen
PYRITES ORE—8,020 tons, Newton More, Huelva
RAPESEED—460 bgs, Uruguayo, Buenos Aires
RUTILE ORE—400 bgs, Uruguayo, Santos
SESAME SEED—124 bgs, Vito, Bombay
SOAP—1 cs, Geo Allen, Koenigsberg, Hamburg
SODA, HYDROSULPHITE—40 dms, Koenigsburg, Bremen
SILICOFLUORIDE—200 bgs, Koenigsberg, Bremen
TANKAGE—1,016 bgs, Uruguayo, Santos
TAPIOCA FLOUR—200 bgs, Guaranty Trust Co, Adrastus, Batavia
WATTLE BARK—542 bgs, Tannin Corp, West Isleta, Mombasa
WAX, CARNAUBA—125 bgs, Brown Brothers, Harriman & Co, Crispin, Parnaiba
88 bgs, Crispin, Parnaiba
125 bgs, Guaranty Trust Co, Crispin, Parnaiba

Portland, Ore., Imports

BONE MEAL—1,260 sks, Wyoming, Antwerp
CHEMICALS—60 dms, Wyoming, Antwerp
COPRA—500 tons, Durkee Famous Foods, Silverwillow, Cebu
GLASS, WINDOW—658 cs, Wyoming, Antwerp
155 cs, Geo S Bush & Co, Elbe, Antwerp
OIL, CODLIVER, MEDICINAL—60 dms, McKesson Pacific Drug Co, Elbe, Hamburg
PEATMOSS—400 bls, Peat Import Corpn, Elbe, Bremen
PETROLEUM, REFD—50 dms, Oregon Marine Supply Co, Elbe, Bremen
TAPIOCA FLOUR—438 sks, American Trust Co, Silverwillow, Sourabaya
SEED—60 sks, American Trust Co, Silverwillow, Sourabaya

San Francisco Imports

ACID, CRESYLIC—49 dms, Balfour, Guthrie & Co, Gracia, Liverpool
25 dms, Gracia, Liverpool
ALCOHOL, ETHYL—100 dms, Manukai, Honolulu
AMMONIA SULPHATE — 8,960 sks, Pacific Guano Co, Delftdijk, Rotterdam (for Oakland)
2,240 sks, Best Fertilizer Co, Delftdijk, Rotterdam (for Oakland)
ANTIMONY REGULUS—250 cs, Irving Trust Co, President Coolidge, Hongkong
BRISTLES—55 cs, H Cone & Co, President Coolidge, Tientsin
55 cs, H Rosenhirsch & Co, President Coolidge, Dairen
CAMPHOR, REFD—10 cs, F S Sakama, Cuba, Kobe
CHALK—1,110 sks, Astoria, Antwerp (for Oakland)
CHEMICALS—20 cs, 5 bbls, Delftdijk, Rotterdam
336 dms, W J Byrnes & Co, Delftdijk, Rotterdam
CHILLIES—224 sks, S L Jones & Co, Cuba, Kobe
COCONUT, DESIC—1,270 cs, Philippine Desiccated Coconut Corpn, President Coolidge, Manila
2,000 cs, General Foods Sales Co, President Coolidge, Manila
822 cs, Balfour, Guthrie & Co, President Coolidge, Manila
970 cs, Wood & Selick, President Coolidge, Manila
CORKWOOD—12 bls, Delftdijk, Rotterdam
EPHEDRA—110 bls, Abbott Laboratories, President Coolidge, Tientsin
36 bls, Chemical Bank & Trust Co, Cuba, Kobe
EPSOM SALT—5 cs, Alexander & Baldwin, Delftdijk, London
FULLERS EARTH—100 sks, Balfour, Guthrie & Co, Delftdijk, London
GINGER ROOT—135 pkgs, President Coolidge, Hongkong
10 tubs, Taiyo, Yokohama
GLASS, WINDOW—133 cs, Astoria, Antwerp
WIRED—1 cs, Astoria, Antwerp
GLUE, POWD—50 bbls, Chas M Lee Co, Delftdijk, Rotterdam
GLYCERIN—200 dms, Mitsuit & Co, Taiyo, Kobe
GUM COPAL — 60 sks, France, Campbell & Darling, President Coolidge, Manila
KAURI—37 sks, 20 cs, Mariposa, Auckland
37 sks, H M Newhall & Co, Mariposa, Suva
HEADING POWDER—8 cs, Delftdijk, London
HERBS, DRIED—3 cs, Suey Chong Co, President Coolidge, Hongkong
INK—8 cs, Suey Chong Co, President Coolidge, Hongkong
IRON ORE—10 cs, L H Butcher & Co, Delftdijk, Rotterdam
ISINGLASS—5 bls, S Ishimitsu Co, Cuba, Kobe; 5 bls, Pacific Trading Co, Cuba, Kobe; 9 cs, 17 bbls, Pacific Trading Co, Cuba, Yokohama
MEDICINAL PREPS—2 cs, Fung Chong, President Coolidge, Hongkong
2 cs, Quon Wo & Co, President Coolidge, Hongkong
6 cs, Chong Kee Chan Co, President Coolidge, Hongkong
50 pkgs, Fong Poy, President Coolidge, Hongkong
MEDICINAL PREPS—48 pkgs, Tin Pow Tong, President Coolidge, Hongkong
24 pkgs, Oy Wo Tong, President Coolidge, Hongkong
9 pkgs, Suep Chong Co, President Coolidge, Hongkong
6 cs, Hip Hing Co, President Coolidge, Hongkong
2 cs, How Kee, President Coolidge, Hongkong
1 cs, Daimaru Co, Taiyo, Yokohama
50 cs, F S Sakamaki & Co, Taiyo, Yokohama
MOLASSES—810 tons, Manukai, Honolulu
1,215,000 lbs, Makawao, Ahukini
500 tons, Mapele, Hilo
2,000,000 tons, Makaweli, Honolulu
2,000,000 lbs, Maliko, Honolulu
OIL, CHINAWOOD—Quantity, S L Jones & Co, President Coolidge, Hongkong
Quantity, Pacific Vegetable Oil Corpn, President Coolidge, Hongkong
3 lots in bulk, Werner G Smith Co, President Coolidge, Hongkong
143 tons, Crocker First National Bank, President Coolidge, Hongkong
CITRONELLA—1 dm, H M Newhall & Co, President Coolidge, Colombo
CODLIVER—1 cs, Astoria, Antwerp
EUCALYPTUS—10 cs, Mariposa, Sydney
FISH, HARD—230 sks, Willits & Co, Cuba, Yokohama
LUBRICATING—2 bbls, Astoria, Antwerp (for Oakland)
PEANUT—50 cs, Ying Fat Lung, President Coolidge, Hongkong
50 cs, Chew Chong Tai, President Coolidge, Hongkong
PAINT, BLACK, DRY—10 bbls, Delftdijk, Rotterdam
PEPPER, WHITE, DECORTICATED—5 sks, Delftdijk, London
PHOSPHATE BONE—500 sks, Manufacturers Trust Co, Astoria, Antwerp
POLISH, BOOT—10 cs, B M Beton & Co, Delftdijk, London
5 cs, Hoyt, Shepston & Sciaroni, Delftdijk, London
POTASH SALT—8 kgs, Delftdijk, London
PYRETHRUM FLOWERS—125 bls, Cuba, Yokohama
POWDERED—50 cs, Cuba, Kobe
RAPESEED—375 sks, S L Jones & Co, Cuba, Otaru
125 sks, Balfour, Guthrie & Co, Cuba, Otaru
375 sks, Cuba, Yokohama
SARDINE MEAL—20,000 sks, Mitsubishi Shoji Kaisha, Cuba, Kobe
SOAP, TOILET—1 cs, Daimaru Co, Taiyo, Yokohama
SOYBEAN MEAL—5,000 sks, Mitsubishi Shoji Kaisha, Cuba, Dairen
7,500 sks, Cuba, Dairen
TALLOW—11 dms, Maliko, Kahului
25 dms, Willits & Co, Mariposa, Auckland
1 cs, Mariposa, Pago Pago
TAR—125 dms, C J Hendry Co, Gracia, Glasgow

Savannah Imports

CALCIUM NITRATE — 10,000 bgs, Tortgugas, Heroen
2,328,778 kilos, Tortgugas, Heroen
SAGO FLOUR — 747 bgs, Silverwalnut, Singapore
SALTCAKE—Quantity, Karmt, Tocopilla
SODA NITRATE — Quantity, Karmt, Tocopilla

Seattle Imports

CHEMICALS—120 dms, Wyoming, Antwerp
GUM, COPAL—390 bskts, Henry W Peabody & Co, Silverwillow, Macassar
OIL, CODLIVER—10 dms, Elbe, Bremen
PEATMOSS—200 bls, Peat Import Corpn, Elbe, Bremen
PEPPER, WHITE—275 sks, Silverwillow, Kota Baroe

Tampa Imports

SOAP LOTION AND PERFUMERY — 4 ctns, Cuba, Havana

Exports from U.S. Ports

New York Exports

Clearance Dates

Almena, March 17; American Banker, March 18; Antonia, March 10; Aquitania, March 25; Atlantida, March 18; Barbarigo, March 26; Bassano, March 18; Black Eagle, March 19; Black Tern, March 15; Boston City, March 24; Cacique, March 23; Calliope, March 28; Cameronia, March 18; City of Derby, March 22; Columbus, March 25; Exchange, March 15; Exeter, March 1; Exminster, March 25; Haiti, March 17; Hansa, March 16; Henri Jasper, March 19; Hokuroku, March 15; Ile France, March 16; Ingrid, March 19; Karl Lepin, March 22; Kattegat, March 23; Kolsnaren, March 18; Lages, March 17; Maasdam, March 11; Macabi, March 21; Markhor, March 16; Memphis City, March 21; Mormacsea, March 25; Munargo, March 19; New Brooklyn, Normandie, March 17; Northern Prince, March 18; Oriente, March 23; Panuco, March 19; Paris, March 10; Pastores, March 12; Pennland, March 4; Ponce, March 19; President Harding, March 16; Queen Mary, March 22; Rex, March 25; San Jose, March 14; San Vincente, March 30; Santa Clara, March 19; Sarcoxie, March 18; Spaarndam, March 21; Svaneholm, March 25; Sydfold, March 17; Thurland Castle, March 14; Tiradentes, March 25; Tivives, March 9; Vulcania, March 18; Wave, March 22; Yucatan, March 18

ACETIC ANHYDRIDE — 28,657 lbs, Black Tern, Antwerp; 26,390 lbs, Barbarigo, Trieste
ACETONE — (Mormacsea) 2,891 lbs, Helsingfors; 32,706 lbs, Norrkoeping
ACID, CITRIC — 126 lbs, San Vincente, Corinto
MURIATIC — 3,861 lbs, Almena, La Romana; 27,750 lbs Pastores, Porto Barrios; 37,000 lbs, Macabi, Banes
SULPHURIC — 27,044 lbs, Ponce, Ponce; 15,750 lbs, Santa Clara, Callao
TARTARIC — 456 lbs, San Vincente, Corinto
AMMONIA, ANHYDR — 22,712 lbs, San Vincente, Havana
HYDROXIDE—27,510 lbs, Santa Clara, Callao
ASPHALT—38,338 lbs, Black Eagle, Rotterdam; 4,894 lbs, American Banker, London; 95,379 lbs, President Harding, Hamburg; 35,266 lbs, Paris, Havre
LIQUID—212,064 lbs, Pennland, Antwerp
SOLID—52,037 lbs, Samaria, Liverpool
BABASSU MEAL—339,360 lbs, Spaarndam, Rotterdam
BENZOL—5,040 gls, Lages, Rio Janeiro
BLACK, BONE—12,960 lbs, American Banker, London
BLEACHING POWDER—4,391 lbs, Munargo, Havana
BLUE, ALKALI BASE—14,483 lbs, Andania, London
VITRIOL—5,040 lbs, Munargo, Havana; 8,550 lbs, Atlantida, Kingston; 2,375,506 lbs, Macabi, Tela
VITRIOL CRYSTALS—452,250 lbs, Macabi, Porto Barrios
CALCIUM ARSENATE—182,400 lbs, Pastores, Buenaventura
CARBIDE—37,100 lbs, Macabi, Banes
CHLORIDE—16,750 lbs, Sydfold, London
CHLORIDE FLAKE—52,125 lbs, Memphis City, Honolulu
CARBON BISULPHIDE—6,551 lbs, Tivives, Panama City
CHEMICALS—2,970 lbs, Maasdam, Rotterdam; 6,310 lbs, Kolsnaren, Stockholm; 1,805 lbs, Exeter, Tel Aviv; 834 lbs, Hansa, Hamburg; 21,720 lbs, Sydfold, Oporto; 657 lbs, Svaneholm, Stockholm; 2,544 lbs, Exminster, Piraeus; 4,168 lbs, Andania, London
CHROME ALUM—11,607 lbs, San Vincente, Havana
CLAY—11,200 lbs, Kolsnaren, Helsingfors; 20,400 lbs, American Banker, London; 22,400 lbs, Hansa, Hamburg
COALTAR INTERMEDIATES—4,880 lbs, Yucatan, Vera Cruz; 9,697 lbs, Mormacsea, Gdynia
COLOR, DRY — 17,961 lbs, San Vincente, Havana; 5,200 lbs, Tivives, Panama City
CORN FLOUR—14,119 lbs, Munargo, Havana; 1,000 lbs, San Vincente, Caibarien; 19,740 lbs, Thurland Castle, Manila; 100 lbs, Pastores, Porto Barrios
SUGAR—4,060 lbs, Spaarndam, Rotterdam
SYRUP—12,918 lbs, Kolsnaren, Stockholm; 30,569 lbs, Munargo, Havana; 11,573 lbs, San Vincente, Havana; 12,897 lbs, Mormacsea, Stockholm
DEXTRIN—2,820 lbs, Exchange, Izmir
DICHLORODIFLUOROMETHANE—13,039 lbs, Antonia, London
DIMETHYLANILIN—1,490 lbs, Black Tern, Antwerp
DYES—4,799 lbs, Maasdam, Rotterdam; 3,393 lbs, Black Eagle, Rotterdam; (President Harding) 5,497 lbs, Hamburg; 966 lbs, Reichenberg
ANILIN—520 lbs, San Vincente, Havana; 742 lbs, Tiradentes, Rotterdam; 615 lbs, Svaneholm, Norrkoeping; (Mormacsea) 1,315 lbs, Gothenburg; 315 lbs, Helsingfors
ETHYL FLUID—250 gls, Exminster, Constanza
ETHYLENE DIBROMIDE—1,256 lbs, Cameronia, Glasgow
FERROTUNGSTEN—102,209 lbs, Karl Lepin, Leningrad
FLUE DUST—45,981 lbs, President Harding, Hamburg
FULLER'S EARTH—20,000 lbs, Spaarndam, Rotterdam
GASOLINE—38,000 gls, Normandie, Montevideo; (New Brooklyn) 3,000 gls, San Thome; 4,125 gls, Matadi; 2,000 gls, Almena, Ciudad
GELATIN, POWD—250 lbs, Black Tern, Rotterdam
GLASS, PLATE—5,530 lbs, San Vincente, Havana
WINDOW—3,020 lbs, San Vincente, Havana; 6,117 lbs, Tivives, Santiago
GLUCOSE—37,705 lbs, San Vincente, Havana
GLUE—770 lbs, Ponce, San Juan
VEGETABLE—345 lbs, Maasdam, Rotterdam
GRAPHITE, POWD—35,674 lbs, Columbus, Bremen
GREASE, ANIMAL—6,653 lbs, Pennland, Antwerp
LUBRICATING—8,602 lbs, City of Derby, Manila; 5,555 lbs, Samaria, Liverpool; 662 lbs, Maasdam, Amsterdam; 8,874 lbs, Kolsnaren, Helsingfors; (Bassano) 26,285 lbs, Hull; 6,450 lbs, Newcastle; 5,072 lbs, Exchange, Piraeus; 8,560 lbs, Memphis City, Honolulu; 4,560 lbs, San Vincente, Havana; 48,850 lbs, Thurland Castle, Hongkong; (President Harding) 59,118 lbs, Hamburg; 1,918 lbs, Havre; 878 lbs, Hansa, Hamburg; 15,910 lbs, Pennland, Antwerp; 12,060 lbs, Hokuroku, Dairen; 4,688 lbs, Henri Jasper, Switzerland; 30,262 lbs, Sydfold, London; 4,714 lbs, Sarcoxie, Dunkirk; 2,878 lbs, Markhor, London; 5,332 lbs, Antonia, London; (New Brooklyn) 1,837 lbs, Kribi; 302 lbs, Port Gentil; 4,896 lbs, Point Noire; 50,260 lbs, Matadi; (Exminster) 4,554 lbs, Piraeus; 2,182 lbs, Salonica; 2,462 lbs, Svaneholm, Stockholm; 79,977 lbs, Rex, Genoa; 109,441 lbs, Andania, London; 1,620 lbs, San Jose, Limon; (Barbarigo) 36,350 lbs, Genoa; 36,351 lbs, Fiume; (Mormacsea) 1,426 lbs, Gothenburg; 3,927 lbs, Prague; 4,365 lbs, Stockholm
INSECTICIDE—3,350 lbs, Ponce, Ponce; 30,110 lbs, Panuco, Progresso; 65,406 lbs, Antonia, London; 22,400 lbs, San Jose, Buenaventura
AGRICULTURAL — 2,320 lbs, Svaneholm, Malmo
HOUSEHOLD—35,079 lbs, Samaria, Liverpool; 662 lbs, Maasdam, Amsterdam; 18,455 lbs, Black Eagle, Amsterdam; 56,152 lbs, Markhor, London; 63,472 lbs, Andania, London
IRON OXIDE—12,482 lbs, Tiradentes, Amsterdam
LACQUER, THINNER — 550 gls, Thurland Castle, Manila; 550 gls, Kattegat, Port Elizabeth
LARD—167,024 lbs, Samaria, Liverpool; (Boston City) 156,400 lbs, Bristol; 130,650 lbs, Cardiff; (Bassano) 350,630 lbs, Hull; 66,950 lbs, Newcastle; 6,700 lbs, Cameronia, Glasgow; 50,725 lbs, American Banker, London; (Ponce) 41,500 lbs, San Juan; 6,000 lbs, Ponce; 4,000 lbs, Mayaguez; 27,241 lbs, Pennland, Antwerp; 75,905 lbs, Markhor, London; 66,300 lbs, Antonia, London; 63,000 lbs, Andania, London; 20,063 lbs, Macabi, Banes; 4,151 lbs, Queen Mary, Southampton
LEAD, TITANATE—23,743 lbs, Black Eagle, Rotterdam
LINSEED CAKE — 1,589,106 lbs, President Harding, Hamburg; (Pennland) 454,230 lbs, Rotterdam; 566,824 lbs, Antwerp; 3,793,504 lbs, Henri Jasper, Antwerp; 1,872,071 lbs, Tiradentes, Rotterdam; 2,985,679 lbs, Black Tern, Antwerp; 905,173 lbs, Spaarndam, Rotterdam
MINERAL SPTS—(Lages) 10,000 gls, Rio de Janeiro; 10,000 gls, Santos
MOLYBDENUM, CONC—322,722 lbs, Karl Lepin, Leningrad; 48,707 lbs, Black Tern, Antwerp
NAPHTHA—2,750 gls, Lages, Rio de Janeiro; (New Brooklyn) 30,000 gls, Dakar; 20,500 gls, Sassandra; 40,000 gls, Port Bouet; 1,375 gls, Apapa; 18,500 gls, San Thome; 2,500 gls, Cape Palmas; 15,000 gls, Port Gentil; 12,770 gls, Point Noire
OIL, CASTOR—998 lbs, Ponce, Arecibo
COCONUT—18,950 lbs, San Vincente, Havana
CORN—270 lbs, Ingrid, St Thomas
CYLINDER — 61,992 gls, Calliope, Rio de Janeiro-Santos

OIL, EDIBLE—3,750 lbs, Tivives, Limon; 1,050 lbs, Pastores, Porto Barrios
FUEL—11,000 gls, New Brooklyn, Freetown
GAS—(New Brooklyn) 1,100 gls, Winnebah; 5,500 gls, Lagos; 18,500 gls, San Thome; 2,500 gls, Cape Palmas; 15,000 gls, Fort Gentil; 11,000 gls, Point Noire
LUBRICATING — (Exminster) 3,300 gls, Tunis; 440 gls, Piraeus; 3,500 gls, Istanbul; 1,550 gls, Bourgas; 2,970 gls, Constanza; 3,685 gls, Pastores, Porto Barrios; (Svaneholm) 1,430 gls, Gothenburg; 4,015 gls, Malmo; 275 gls, Norrkoeping; 6,425 gls, Stockholm; 11,500 gls, Tiradentes, Rotterdam; 2,765 gls, Cacique, Maracaibo; 1,980 gls, Macabi, Banes; 27,720 gls, Rex, Genoa; 880 gls, Black Tern, Antwerp; 715 gls, Andania, London; 3,025 gls, San Jose, Limon; 2,420 gls, Oriente, Havana; (Spaarndam) 8,400 gls, Rotterdam; 252 gls, Amsterdam; (Barbarigo) 36,414 gls, Genoa; 504 gls, Naples; 3,522 gls, Trieste; 10,060 gls, Fiume; (Mormacsea) 2,135 gls, Gothenburg; 2,520 gls, Landskrona; 9,000 gls, Prague; 3,575 gls, Stockholm; 4,675 gls, Helsingfors; 420 gls, Abo; 11,000 gls, City of Derby, Dairen; 10,345 gls, Samaria, Liverpool; 2,410 gls, Maasdam, Rotterdam; (Kolsnaren) 1,100 gls, Stockholm; 880 gls, Helsingfors; (Black Eagle) 17,460 gls, Rotterdam; 2,100 gls, Amsterdam; (Vulcania) 3,025 gls, Naples; 21,794 gls, Trieste; 6,090 gls, Boston City, Cardiff; (Bassano) 840 gls, Hull; 550 gls, Newcastle; 6,004 gls, Cameronia, Glasgow; 825 gls, Northern Prince, Rio Janeiro; 15,375 gls, American Banker, London; (Ponce) 1,705 gls, Ponce; 1,430 gls, Arecibo; 3,245 gls, Aguadilla; (Ingrid) 1,512 gls, Fort France; 2,600 gls, Ciudad; 2,640 gls, Paramaribo; (Santa Clara) 3,850 gls, Coquimbo; 1,500 gls, Buenaventura; 3,740 gls, Guayaquil; 5,840 gls, Callao; 6,930 gls, Antofagasta; 2,150 gls, Valparaiso; (Exchange) 8,150 gls, Piraeus; 11,000 gls, Istanbul; 660 gls, Bourgas; 605 gls, Constanza; (Exeter) 9,530 gls, Marseilles; 3,300 gls, Alexandria; 5,995 gls, Yucatan, Vera Cruz; 1,100 gls, San Vincente, Havana; 9,650 gls, Thurland Castle, Manila; (President Harding) 1,700 gls, Tallinn; 5,586 gls, Hamburg; (Hansa) 131,535 gls, Hamburg; 840 gls, Vienna; 605 gls, Riga; (Ile France) 1,525 gls, Dunkirk; 44,750 gls, Havre; (Lages) 2,640 gls, Rio Janeiro; 2,982 gls, Rio Grande; 3,005 gls, Porto Alegre; 13,750 gls, Panuco, Tampico; (Pennland) 2,970 gls, Antwerp; 1,092 gls, Brussels; 825 gls, Berne; (Hokuroku) 7,150 Dairen; 2,750 gls, Moji; (Henri Jasper) 9,130 gls, Antwerp; 3,100 gls, Switzerland; 2,200 gls, Matadi; (Paris) 2,695 gls, Dunkirk; 2,310 gls, Bordeaux; 27,780 gls, Havre; (Sarcoxie) 1,975 gls, Havre; 1,595 gls, Dunkirk; 20,323 gls, Markhor, London; 10,755 gls, Antonia, London; (New Brooklyn) 880 gls, Freetown; 1,350 gls, Sassandra; 17,765 gls, Takoradi; 2,200 gls, Accra; 5,775 gls, Apapa; 850 gls, Duala; 1,100 gls, Kribi; 1,450 gls, Libreville; 4,485 gls, Port Gentil; 6,100 gls, Point Noire; 11,880 gls, Matadi; 1,100 gls, Haiti, Fort Prince
MOTOR—(New Brooklyn) 1,375 gls, Winnebah; 1,375 gls, Apapa
NEATSFOOT—4,762 lbs, President Harding, Hamburg
OLEO—76,948 lbs, Maasdam, Rotterdam; 19,153 lbs, Black Eagle, Rotterdam; 10,691 lbs, Cameronia, Glasgow; 4,725 lbs, Pennland, Antwerp; 145,200 lbs, Svdfold, London; 47,054 lbs, Spaarndam, Rotterdam
PALE—200,880 gls, Calliope, Rio Janeiro-Santos; 298,654 gls, Barbarigo, Genoa
PEPPERMINT—2,043 lbs, American Banker, London; 1,200 lbs, Hansa, Hamburg
STONE—840 gls, Mormacsea, Copenhagen
WOODSEED—1,768 lbs, Hansa, Hamburg
PAINT—3,564 lbs, Maasdam, Rotterdam; 3,117 lbs, Black Eagle, Amsterdam; (Kolsnaren) 20,588 lbs, Stockholm; 16,518 lbs, Gothenburg; 3,219 lbs, Varberg; 5,524 lbs, American Banker, London; 1,558 lbs, Ponce, San Juan; 7,245 lbs, Henri Jasper, Antwerp; 6,270 lbs, Tivives, Panama City; 6,964 lbs, Svaneholm, Stockholm; 74,495 lbs, Black Tern, Antwerp; (San Jose) 4,089 lbs, Limon; 5,896 lbs, Buenaventura; 12,485 lbs, Barbarigo, Trieste
PASTE—2,800 lbs, Mormacsea, Helsingfors
PREPARED—8,775 lbs, San Vincente, Havana
PARAFFIN — 34,030 lbs, Samaria, Liverpool; 4,449 lbs, Maasdam, Rotterdam; 11,122 lbs, Black Eagle, Rotterdam; 40,739 lbs, Vulcania, Trieste; 9,980 lbs, Bassano, Hull; (Santa Clara) 22,365 lbs, Pacasmayo; 32,885 lbs, Buenaventura; 51,070 lbs, Yucatan, Vera Cruz; (Hansa) 114,623 lbs, Hamburg; 11,100 lbs, Memel; (Ile de France) 11,128 lbs, Bordeaux; 31,425 lbs, Havre; (Lages) 37,710 lbs, Rio Janeiro; 38,816 lbs, Santos; 22,365 lbs, Panuco, Progresso; 84,295 lbs, Sydfold, London; 20,158 lbs, Almena, San Pedro; 107,057 lbs, Tivives, Limon; 20,201 lbs, Pastores, Guatemala; 53,686 lbs, Kattegat, Port Elizabeth; 113,212 lbs, Andania, London; 11,198 lbs, San Jose, Buenaventura; 11,122 lbs, Spaarndam, Rotterdam; (Barbarigo) 37,998 lbs, Genoa; 11,100 lbs, Fiume; (Mormacsea) 5,561 lbs, Stockholm; 11,306 lbs, Helsingfors
LIQUID—4,090 lbs, Exminster, Istanbul
SCALE — 8,728 lbs, Maasdam, Amsterdam; 79,540 lbs, Sydfold, London; 129,886 lbs, Tiradentes, Amsterdam; 24,838 lbs, Svaneholm, Stugsund; 11,191 lbs, Spaarndam, Amsterdam; 36,422 lbs, Mormacsea, Copenhagen
PETROLATUM, MED—157,520 lbs, American Banker, London
PETROLEUM COMP—31,768 lbs, Mormacsea, Malmo
REFINED—12,000 gls, Ponce, Porto Plata; (New Brooklyn) 4,500 gls, Sassandra; 10,000 gls, Port Bouet; 8,700 gls, San Thome; 7,850 gls, Cape Palmas; 1,000 gls, Port Gentil; 2,000 gls, Point Noire; (Almena) 27,500 gls, Ciudad; 7,000 gls, Sanchez
PIGMENT—37,703 lbs, Hokuroku, Kobe
POLISHING COMP—36,125 lbs, Samaria, Liverpool
POTASH, BROMIDE—26,550 lbs, Karl Lepin, Leningrad
BICHROMATE—12,302 lbs, Mormacsea, Abo
PROPANE—97,914 lbs, Barbarigo, Genoa
RESIN—17,594 lbs., American Banker, London; 2,582 lbs, Mormacsea, Stockholm
COALTAR—2,228 lbs, Svaneholm, Halmstad
SYNTHETIC CRYSTALS — 11,295 lbs, Samaria, Liverpool
ROSIN—14,016 lbs, American Banker, London; 4,866 lbs, Hansa, Hamburg
SOAP — 11,300 lbs, Memphis City, Honolulu; 80,400 lbs, Thurland Castle, Manila; 5,875 lbs, Mormacsea, Helsingfors
POWDER—17,600 lbs, Hansa, Hamburg
TOILET—2,500 lbs, Mormacsea, Stockholm
SODA, ASH—232,226 lbs, Munargo, Havana; 11,285 lbs, Santa Clara, Talara; 3,240 lbs, Tivives, Santiago; 8,600 lbs, Spaarndam, Rotterdam
BICARBONATE — 10,577 lbs, Munargo, Havana; 22,305 lbs, Santa Clara, Buenaventura
BROMIDE—98,680 lbs, Karl Lepin, Leningrad
CAUSTIC — 2,450 lbs, Samaria, Liverpool; 71,849 lbs, Munargo, Havana; 27,585 lbs, Santa Clara, Guayaquil; 345,010 lbs, Yucatan, Vera Cruz; 72,000 lbs San Vincente, Havana; (Lages) 342,992 lbs, Santos;
SODA, CAUSTIC (Continued):—
71,852 lbs, Rio Grande; 233,580 lbs, Panuco, Progresso; 171,960 lbs, Normandie, Buenos Aires; 10,775 lbs, Almena, Ciudad; (Tivives) 3,590 lbs, Santiago; 7,200 lbs, Limon
PHOSPHATE TRI—44,880 lbs, Boston City, Bristol; 7,000 lbs, Memphis City, Honolulu
SAL—45,265 lbs, Munargo, Havana; 15,000 lbs, San Jose, Ciudad
SILICATE—63,364 lbs, Munargo, Havana
SULPHIDE—8,043 lbs, Munargo, Havana
SOLVENTS—4,133 lbs, American Banker, London
STARCH, CORN—2,700 lbs, Maasdam, Rotterdam; (Kolsnaren) 5,640 lbs, Gothenburg; 5,050 lbs, Stockholm; 4,510 lbs, Ingrid, St Thomas; 12,045 lbs, Memphis City, Honolulu; 2,129 lbs, Normandie, Buenos Aires; 2,000 lbs, Atlantida, Santiago; 12,700 lbs, Andania, London
STEARIN, OLEO—35,607 lbs, Maasdam, Rotterdam
TALLOW, INED—44,427 lbs, Vulcania, Naples; (Almena) 6,945 lbs, San Pedro; 122,027 lbs, Ciudad
TANNING EXTRACT—19,550 lbs, Boston City, Bristol
TURPENTINE—7,000 gls, Lages, Rio de Janeiro; 2,500 gls, Normandie, Buenos Aires; 550 gls, San Jose, Mollendo
VARNISH—1,357 lbs, Sarcoxie, Havre
WITCH HAZEL EXTRACT—20,650 lbs, American Banker, London; 7,440 lbs, Ile de France, Havre; 29,082 lbs, Andania, London
ZINC OXIDE—4,144 lbs, Samaria, Liverpool; 1,140 lbs, Vulcania, Lisbon

Baltimore Exports
Clearance Dates

Anita, March 22; Asakasan, March 26; Black Gull, March 26; City of Newport News, March 24; Exchester, March 26; Haughton Hall, March 28; Manchester Producer, March 29; Oradell, March 28; Paraguayo, March 26; Ravanaas, March 28; Robin Gray, March 22; Sanyo, March 26; Tatsuno, March 28; West Selene, March 24

ACETOACETANALID—400 lbs, Black Gull, Zofingen
ACID, CHROMIC—5,500 lbs, Paraguayo, Buenos Aires
ALUMINUM POWDER—8 lbs, Ravnaas, Buenos Aires
AMMONIA SULPHATE—398 tons, West Selene, Buenos Aires
ASPHALT, SOLID—130,439 lbs, Manchester Producer, Liverpool
BLUE VITRIOL—112,000 lbs, Exchester, Izmir
CADMIUM LITHOPONE—2,352 lbs, City of Newport News, London
CHALK, PRECIP—40,000 lbs, City of Newport News, London; 10,000 lbs, Black Gull, Antwerp
COLOR, DRY—50 lbs, Black Gull, Antwerp
CORN, SUGAR—50,750 lbs, Manchester Producer, Manchester
DEXTRIN—4,000 lbs, Robin Gray, Durban
GREASE, LUBRICATING—(Anita) 4,340 lbs, Rio Janeiro; 5,145 lbs, Montevideo; 3,575 lbs, Paraguayo, Rio Janeiro; (Black Gull) 8,722 lbs, Rotterdam; 1,980 lbs, Antwerp; (Asakasan) 74,034 lbs, Osaka; 59,692 lbs, Yokohama
INSECTICIDE—23,649 lbs, Sanyo, Osaka; (Black Gull) 213 lbs, Rotterdam; 265 lbs, Merxem Anvers
GLASS FRIT, CRSHD—35,000 lbs, Manchester Producer, Manchester
GLUE, LIQ—850 lbs, Robin Gray, Durban
IRON SAND—44,000 lbs, Anita, Buenos Aires
LINSEED CAKE—100 tons, Manchester Producer, Liverpool
OIL, FUSEL—1,116 lbs, Anita, Buenos Aires
LUBRICATING—(Sanyo) 105 bbls, Yokohama; 513 bbls, Osaka; (City of Newport News) 79 bbls, London; 6,634 gals, Hamburg; 91 bbls, Manchester Producer, Manchester
PAINT MATERIALS—12 gals, Raynaas, Buenos Aires
POLISH, AUTO—7,000 lbs, Robin Gray, Durban
PORCELAIN ENAMEL FRIT—2,000 lbs, Black Gull, Antwerp
POTASH SULPHATE—1 ton, Oradell, Aux Cayes
PUTTY—2,200 lbs, City of Newport News, London
RUTILE—750 lbs, Black Gull, Rotterdam
SAND, PREPARED—2,742 lbs, City of Newport News, London
SODA, BICHROMATE—33,600 lbs, West Selene, Buenos Aires; 15,456 lbs, City of Newport News, Calcutta
NITRATE—1 ton, Oradell, Aux Cayes
SOLVENT, PAINT—788 lbs, Anita, Buenos Aires
STARCH, CORN—(Haughton Hall) 56,000 lbs, Bombay; 420,000 lbs, Calcutta
TECHNICAL FURFURAL—3,000 lbs, Sanyo Maru, Kyoto
WATERPROOFING COMP—36,000 lbs, Paraguayo, Buenos Aires

Beaumont Exports
Clearance Dates

Brunswick, March 24; Recorder, March 24

BLACK, CARBON—500 bgs, Recorder, Manchester
PETROLEUM, CRUDE—100,000 bbls, Brunswick, Buenos Aires

Boston Exports
Clearance Dates

Black Falcon, March 31; Lady Somers, April 2; Malancha, March 30; Malaren, March 30; Newfoundland, March 25; Quaker City, March 28; Sagua, April 3; Scythia, March 27; Yarmouth, March 26, 30

ALUMINA OXIDE—1 pkg, and 4 kgs, 1,046 lbs, Malancha, London
BAKING POWDER—56 bxs, 10 pls, 1 crt, 2,320 lbs, Newfoundland, St John's, N F
BLUE, LAUNDRY—3 cs, 220 lbs, Yarmouth, Halifax
BRONZING LIQUID—1 dm, 60 gls, Newfoundland, St John's, N F
CEMENT, CAN—5 dms, 2,280 lbs, Quaker City, Vigo, Spain; 21 dms, 9,630 lbs, Malancha, London
RUBBER—2 dms, 861 lbs, Scythia, Capetown; 1 dm, 235 lbs, Sagua, San Jose
CHEMICALS—4 dms, and 1 kg, 446 lbs, Malancha, London
COCOA CAKE—644 bgs, 106,440 lbs, Black Falcon, Amsterdam
CORNFLOUR, POWD — 432 bgs, 60,480 lbs, Quaker City, Dundee
DEXTRIN, GUM—4 kgs, 340 lbs, Quaker City, London
DRESSING, LEATHER—2 ctns, 91 lbs, Newfoundland, St John's, N F; 1 cs, 110 lbs, Sagua, San Jose, C R
OILBOARD—1 crtn, 53 lbs, Newfoundland, St John's, N F
SHOE—6 kgs, 4 cs, 583 lbs, Scythia, Capetown
GARNET ROCK—200 bgs, 20,000 lbs, Quaker City, Hamburg
GLUE, PHOTO-ENGRAVING — 3 bbls, 1,649 lbs, Quaker City, London; 1 cs, 30 lbs, Sagua, San Jose; 6 cs, 180 lbs, Black Falcon, Amsterdam
GLYCERIN SUBSTITUTE—2 dms, 100 lbs, Malancha, London
GREASE, LUBRICATING—3 bbls, 1,435 lbs, Scythia, Liverpool
INK, DRAWING—2 pkgs, 100 lbs, Newfoundland, St John's, N F
MARKING—1 cs, 44 lbs, Scythia, Leicester
WRITING—4 cs, 94 lbs, Sagua, San Jose, C R
KEROSENE — 50 bbls, 2,750 gls, Newfoundland, St John's, N F
LARD—350 bxs, 9,800 lbs, Scythia, Liverpool; 15 trcs, 5,692 lbs, Quaker City, Cork; 30 trcs, and 2,750 bxs, 144,347 lbs, Malancha, London
LINING COMP — 33 dms, 13,210 lbs, Quaker City, Hamburg; (Black Falcon) 2 dms, 980 lbs, Rotterdam; 17 dms, 6,062 lbs, Antwerp
MEDICINAL PREPS—66 cs, 3,500 lbs, Scythia, Nottingham; 330 bxs, 30 crtns, 875 lbs, Quaker City, London; 1 cs, 10 lbs, Lady Somers, Hamilton
MICA, GRD—20 bgs, 2,000 lbs, Quaker City, London
MOLASSES—75 bbls, 4,125 gls, Malaren, Copenhagen
MUCILAGE—1 cs, 14 lbs, Sagua, San Jose, C R
OIL, FISH LIVER—14 dms, Malancha, London
LUBRICATING—170 dms, 6 cs, 9,309 gls, Scythia, Liverpool
OLEO—15 trcs, 5,933 lbs, Quaker City, Cork
PAINT—7 bxs, 2 dms, 33 cs, 342 gls, Newfoundland, St John's, N F; 21 cs, 1,356 lbs, Lady Somers, Nassau
COPPER—13 cs, 130 gls, Sagua, Colon
REMOVER—1 cs, 6 gls, Newfoundland, St John's, N F
PASTE, FLOUR—1 dm, 50 lbs, Yarmouth, St John, N B
LIBRARY—1 cs, 45 lbs, Sagua, San Jose
PINETAR—10 bxs, 712 lbs, Newfoundland, St John's, N F
POLISH, SHOE—17 cs, 1,445 lbs, Scythia, Leicester; 1 cs, 54 lbs, Sagua, Colon
STOVE—70 cs, 2,403 lbs, Yarmouth, St John, N B
ROSIN, WOOD—10 bbls, Newfoundland, St John's, N F
SILICON CARBIDE—1 kg, 349 lbs, Malancha, London
SOAP, FLAKE — 2 cs, 49 lbs, Sagua, Fort Davis, C Z
LAUNDRY—1 dm, 487 lbs, Newfoundland, St John's, N F
MEDICATED—1 cs, 80 lbs, Newfoundland, St John's, N F
POWDER—3 cs, 116 lbs, Sagua, Fort Davis, C Z; 10 bbls, 2,500 lbs, Lady Somers, Bermuda
TAR — (Sagua) 11 cs, 275 lbs, Fort Randolph, C Z; 10 cs, 250 lbs, Fort Davis, C Z
TOILET—(Sagua) 5 cs, 121 lbs, Fort Randolph, C Z; 7 cs, 183 lbs, Fort Davis, C Z
SODA, SILICO ALUMINATE—3 bbls, 900 lbs, Lady Somers, Bermuda
STARCH, PEARL—432 bgs, 60,480 lbs, Quaker City, Dundee
SULPHUR FLOUR—400 bgs, 40,000 lbs, Yarmouth, Aylesford, N S
TALC—2 cs, 60 lbs, Newfoundland, St John's, N F
TOILET PREPS—1 cs, 51 lbs, Scythia, Nottingham; 1 cs, 10 lbs, Sagua, Fort Davis, C Z
TURPENTINE, GUM—(Newfoundland) 5 dms, 289 gls, Kentville, N S; 5 dms, and 20 bxs, 475 gls, St John's, N F; 5 dms, 275 gls, Yarmouth, Amherst, N S
WOOD—20 bxs, 2 dms, 213 gls, Newfoundland, St John's, N F
VARNISH—12 cs, 69 gls, Newfoundland, St John's, N F
SHOE—2 dms, 110 gls, Quaker City, Hamburg
WAX—1 cs, 54 lbs, Malancha, London
WATERPROOF—2 dms, 200 lbs, Malancha, London

Corpus Christi Exports
Clearance Dates

Betterton, March 16; Conus, March 21; Edward L Shea, March 13; Gretafield, March 17; Madrono, March 19; Mosli, March 13; Pluvoise, March 11; Radix, March 24; Regina, March 12; Edward L Shea, March 13; Josefina Thorden, March 22

GASOLINE—5,232 bbls, Mosli, Havre; 73,310 bbls, Radix, Curacao
OIL, FUEL — 25,896 bbls, Regina, Gothenburg; 1,056 bbls, Conus, Tampico; 36,709 bbls, Josefina Thorden, Manchester
GAS—70,031 bbls, Edward L Shea, Curacao; 77,633 bbls, Betterton, Curacao
PETROLEUM, CRUDE — 104,418 bbls, Pluvoise, Marseilles; 28,427 bbls, Regina, Gothenburg; 92,007 bbls, Mosli, Havre; 104,427 bbls, Gretafield, Havre; 64,284 bbls, Madrono, Antwerp; 27,665 bbls, Josefina Thorden, Manchester

Galveston Exports
Clearance Dates

Betty Maersk, March 26; Burgerdijk, March 24; Chemnitz, March 26; City of Joliet, March 26; Hybert, March 29; Karabagh, March 24; Monfiore, March 26; Rabaul, March 29; West Quechee, March 29

ANTIMONY ORE — 150 tons, Burgerdijk, London
ASPHALT, GILSONITE — 73 bgs, Monfiore, Genoa
BLACK, CARBON — 25 tons, Burgerdijk, London; (Chemnitz) 200 bgs, Bremen; 50 cs, Hamburg; (Hybert) 23 tons, Bremen; 2 tons, Hamburg
CONCENTRATES — 16 tons, West Quechee, Manchester
MOLYBDENITE — (Burgerdijk) 664 bbls, London; 880 tons, Rotterdam
OIL, GAS — 9,800 tons, Karabagh, Hamburg
SULPHUR — 160 tons, Burgerdijk, London; (Betty Maersk) 2,505 tons, Algiers; 1,000 tons, Arzew; 1,100 tons, City of Joliet, London; 4,900 tons, Rabaul, New Zealand ports; 2,400 tons, West Quechee, Manchester

Houston Exports
Clearance Dates

Bianca, March 25; Bordeaux, March 29; Burgerdijk, March 23; Chemnitz, March 25; Conus, March 23; Johannes Molkenbuhr, March 26; Monfiore, March 24; Norvinn, March 26; Stureholm, March 23; Swiftarrow, March 23; Tampa, March 26; Trottiera, March 29; Vancouver, March 29

BLACK, CARBON—(Burgerdijk) 401 tons, London; 10 tons, Leith via London; 30 tons, Antwerp; 20 tons, Rotterdam; (Stureholm) 3 cs, Gothenburg; 110 cs, Gdynia; 150 cs, 5,000 bgs, Monfiore, Genoa; (Chemnitz) 500 tons, Bremen; 100 tons, Hamburg; 125 tons, Tampa, Havre; 150 bgs, Johannes Molkenbuhr, Manchester; (Bordeaux) 12 tons, Yokohama; 30 tons, Osaka; 100 tons, Kobe
GASOLINE—7,500 tons, Vancouver, Havre
LUBRICANTS—141 pkgs, Stureholm, Gothenburg
OIL, FUEL—70,000 bbls, Swiftarrow, Matanzas
GAS—7,500 tons, Conus, United Kingdom; 8,200 tons, Bianca, Hamburg; (Norvinn) 2,000 tons, Antwerp; 7,000 tons, Rotterdam
LUBRICATING—140 bbls, 560 tons, Chemnitz, Hamburg
PETROLEUM, CRUDE—6,300 tons, Trottiera, Trieste

Los Angeles Exports
Clearance Dates

Athelking, March 18; Bokuyo, March 24; Djambi, March 11; Edda, March 22; Glaucus, March 19; Hauraki, March 14; Kingsbury, March 22; Lebec, March 25; Nippon, March 27; Pennsylvania, March 13; Santa Maria, March 22; S. C. T. Dodd, March 25; Silverguava, March 4

ACID, BORIC—120 bgs, 13,440 lbs, Silverguava, Calcutta; 60 pkgs, 6,720 lbs, Djambi, Bombay; 200 bgs, 22,400 lbs, Edda, London
CRESYLIC—420 lbs, Djambi, Manila
BORAX—1,120 bgs, 123,440 lbs, Silverguava, Calcutta; 400 pkgs, 44,800 lbs, Djambi, Bombay; 3,000 bgs, 336,000 lbs, Edda, London
CATTLE DIP—20,000 lbs, Bokuyo, Osaka
CLAY, FILTER—1,400 sks, 69,890 lbs, Silverguava, Rangoon
GROUND—(Djambi) 100 sks, 10,080 lbs, Balik Papan; 441 sks, 44,800 lbs, Pladjoe
GASOLINE—73,957 bbls, 19,302,780 lbs, S C T Dodd, Vladivostok
INFUSORIAL EARTH—1,568 bgs, 156,800 lbs, Hauraki, Melbourne; (Pennsylvania) 1,500 bgs, 150,080 lbs, Central Hershey; 1,592 bgs, 159,100 lbs, Manzanillo; 22 bgs, 2,240 lbs, Silverguava, Calcutta
KEROSENE—(Silverguava) 6,000 cs, 510,000 lbs, Penang; 5,000 cs, 425,000 lbs, Cebu
LACQUER—3,340 lbs, Silverguava, Delhi; 6,780 lbs, Djambi, Bombay
THINNER—770 lbs, Silverguava, Calcutta
OIL, DIESEL—8,993 bbls, 2,805,820 lbs, Djambi, Manila; 79,765 bbls, 24,886,680 lbs, Kingsbury, Balboa; (Santa Maria) 2,350 bbls, 733,200 lbs, Valparaiso; 2,961 bbls, 923,850 lbs, Coquimbo; 3,402 bbls, 1,061,420 lbs, Cruz Grande; 10,360 bbls, 3,232,320 lbs, Talta!; 10,710 bbls, 3,341,520 lbs, Antofagasta
FUEL—(Santa Maria) 34,005 bbls, 11,323,670 lbs, Cruz Grande; 7,695 bbls, 2,562,430 lbs, Talta!
GAS—75,242 bbls, 22,723,080 lbs, Lebec, Curacao
LUBRICATING — (Santa Maria) 325 pkgs, 15,910 lbs, Antofagasta; 8 dms, 3,300 lbs, Valparaiso
PAINT—18,580 lbs, Djambi, Palembang
PETROLEUM, CRUDE—83,301 bbls, 25,989,910 lbs, Nippon, Kure
SODA ASH—(Djambi) 150 bgs, 33,000 lbs, Palembang; 300 bgs, 66,000 lbs, Sourabaya; 60 bgs, 13,230 lbs, Sourabaya; 6,600 bgs, 739,200 lbs, Silverguava, Calcutta
SOLVENTS (Djambi) 5 dms, 1,830 lbs, Batavia; 5 dms, 1,830 lbs, Sourabaya
TOILET PREPS — (Pennsylvania) 200 lbs, Panama City; 400 lbs, Cristobal; 450 lbs, Djambi, Manila

Mobile Exports
Clearance Date

Nordvangen, March 23

ROSIN—91 dms, Nordvangen, Kingston
GUM—1 bbl, Nordvangen, Georgetown
SCOURING COMP—25 cs, Nordvangen, Georgetown
TURPENTINE—3 dms, Nordvangen, Kingston

New Orleans Exports
Clearance Dates

Cefalu, February 8, 21; Clara, March 28; Contessa, February 1, 15; Edgehill, March 19; Idarwald, March 15; Kellerwald, February 25; Monbaldo, March 22; Talisse, March 22; Volunteer, March 12; West Camak, March 9

ASPHALT—30 tons, West Camak, Avonmouth; 332 sks, Monbaldo, Genoa; (Idarwald) 63 sks, Bremen-Bremerhaven; 717 sks, Hamburg; (Kellerwald) 184 sks, Hamburg; 50 sks, Bremen-Hamburg; 368 dms, Contessa, Tocopilla; 637 dms, Cefalu, Antofagasta; (Volunteer) 246 sks, London; 147 sks, Hull
GILSONITE—130 sks, Monbaldo, Genoa; 334 sks, Idarwald, Hamburg
BAKING POWDER—1 ton, Cefalu, Colon
BLACK, CARBON—(West Camak) 2 tons, Dublin; 11 tons, Avonmouth; (Edgehill) 16 tons, Hamburg; 2 tons, Bremen-Hamburg; (Kellerwald) 7,104 sks, Bremen-Bremerhaven; 60 cs, Hamburg; 60 cs, Bremen-Hamburg optional; (Volunteer) 585 cs, London; 25 cs, Hull; (Contessa) 850 sks, Havana; 10 cs, Valparaiso; (Talisse) 8 tons, Singapore; 1 ton, Batavia; 5 tons, Padang; 75 cs, Clara, Burgas
BONEMEAL—5 sks, Contessa, Panama
CLAY—14 tons, Edgehill, Hamburg; 1,312 sks, Volunteer, London; 12 tons, West Camak, Glasgow; 600 sks, Volunteer, Hull
GROUND—10 tons, West Camak, Avonmouth
CORN SYRUP—(West Camak) 106 tons, Glasgow; 101 tons, Dublin; 46 tons, Avonmouth; (Volunteer) 210 bbls, London; 302 bbls, Hull
COTTONSEED HULL SHAVING PULP—203 tons, Edgehill, Hamburg; 587 bls, Volunteer, London
DISTILLATE—30 dms, Cefalu, Ceiba
GLUCOSE—20 bbls, Contessa, Havana
GREASE, LUBRICATING—4 dms, Contessa, Puerto Cabezas
INK—15 kits, Cefalu, Callao
INSECTICIDE—12 dms, Kellerwald, Bremen-Hamburg
KEROSENE—135 cs, Cefalu, Puerto Cabezas; 5 cs, Contessa, Puerto Cabezas
LARD—600 tins, Cefalu, Puntarenas; 250 tins, Contessa, Panama
LITHOPONE—1,000 sks, Cefalu, Havana
OIL, COTTONSEED FOOTS—15 bbls, Contessa, Havana
CREOSOTE—10 dms, Cefalu, Panama City
FUEL—(Contessa) 85,850 gls, Puerto Cabezas; 50,400 gls, 1,800 bbls, Ceiba; (Cefalu) 67,200 gls, Puerto Cabezas; 29,400 gls, Ceiba
LUBRICATING — (West Camak) 57 tons, Glasgow; 27 tons, Dublin; 45 tons, Avonmouth; (Monbaldo) 35 bbls, Algiers; 685 tons, Genoa; (Kellerwald) 2 dms, Hamburg; 29 bbls, Bremen-Hamburg; (Volunteer) 60 ctns, 406 bbls, London; 365 bbls,

OIL, LUBRICATING (Continued):—
Hull; (Contessa) 65 dms, Puerto Cabezas; 28 dms, Ceiba; 25 dms, Cefalu, Puerto Cabezas; (Talisse) 1 ton, Palembang; 4 tons, Batavia; 6 tons, Padang; 2 bxs, Clara, Fiume
PINE—2 tons, West Camak, Glasgow; 100 dms, Kellerwald, Hamburg
PAINT—(Cefalu) 1 ton, Panama; 1 ton, Buenaventura; (Contessa) 13 dms, Ceiba; 1 ton, Colon; 2 tons, Puntarenas
PARAFFIN—11 tons, West Camak, Glasgow; 1 ton, Edgehill, Hamburg; 502 sks, 160 bbls, Idarwald, Hamburg; 161 bbls, Kellerwald, Hamburg; (Cefalu) 1,000 sks, Talcahuano; 1,000 sks, Valparaiso; 120 bbls, Volunteer, London
PETROLEUM—136 bbls, Idarwald, Hamburg; 89 bbls, Kellerwald, Hamburg; 2 ctns, Volunteer, London
PINETAR—100 dms, Volunteer, London
ROSIN—14 dms, Monbaldo, Genoa; 69 tons, Edgehill, Hamburg; 42 dms, Idarwald, Hamburg; 200 bbls, Kellerwald, Hamburg; 90 bbls, Volunteer, Hull; 5 dms, Contessa, Valparaiso; (Talisse) 11 tons, Batavia; 72 tons, Semarang; 5 tons, Macassar
SALT—(Contessa) 50 tons, Havana; 2 tons, Puerto Cabezas; (Cefalu) 30 tons, Havana; 11 tons, Ceiba; 7 tons, Puerto Cabezas
STARCH—2,640 sks, Volunteer, London; 150 sks, Contessa, Havana
SULPHUR, CRUDE—5,000 tons, Volunteer, Hull-London
TAPIOCA FLOUR—829 sks, Volunteer, Hull
TOBACCO EXTRACT—96 bbls, Idarwald, Bremen-Bremerhaven; 96 bbls, Kellerwald, Bremen-Bremerhaven
TRIPOLI—300 sks, Kellerwald, Hamburg

Norfolk Exports
Clearance Dates

City of Hamburg, March 20; City of Rayville, March 26; Malancha, March 25; Manchester Producer, March 30

CLEANER, DRY—4 dms, City of Hamburg, London
CORNFLOUR—500 bgs, 70,000 lbs, Manchester Producer, Liverpool; 400 bgs, 62,260 lbs, City of Rayville, Manila
DEXTRIN, CORN—440 bgs, 62,260 lbs, Manchester Producer, Manchester
INSECTCIDE, LIQ—8 dms, City of Hamburg, London
LARD—650 bxs, 40,950 lbs, City of Hamburg, London
MICA, GRD—250 bgs, 25,000 lbs, City of Hamburg, Hamburg
PULVERIZED—100 bgs, 10,200 lbs, City of Hamburg, Hamburg
PAINT, COALTAR—174 ctns, 246 dms, 40 pls, 37,627 lbs, City of Rayville, Manila
SOLVENT, PAINT—3 dms, 500 lbs, City of Hamburg, London; (Malancha), 4 dms, London; 61 dms, Avonmouth
TANNING EXTRACT—(City of Hamburg) 5 bgs, 510 lbs, London; 75 bgs, Hamburg; 240 bgs, 351 bbls, 248,543 lbs, Manchester Producer, Liverpool.

Philadelphia Exports
Clearance Dates

Black Gull, March 30; Blairtholl, April 1; Canadian, March 26; City of Auckland, March 28; City of Christiania, March 25; Collamer, March 30; Crispin, March 30; Edam, March 29; Elkhound, March 28; Malancha, March 28; New Orleans, March 25; Ragnhildsholm, March 29; Soloy, March 28; Vaclite, March 31; Waukegan, March 28

ACETONE—(New Orleans) 12 dms, Sydney; 6 dms, Melbourne
ALCOHOL, BUTYL—(New Orleans) 36 dms, Sydney; 7 dms, Melbourne
ANTI-KNOCK COMP—158 dms, Malancha, London
BLACK, BONE—6 bgs, New Orleans, Sydney
BUTYL ACETATE—(New Orleans) 97 dms, Sydney; 58 dms, Melbourne
CEMENT, FIBRE—6 dms, Black Gull, Amsterdam
RUBBER—5 dms, Black Gull, Amsterdam
CLEANER—1 cs, Ragnhildsholm, Stockholm
COCOA CAKE—2,143 pkgs, Edam, Amsterdam
DYE, LEATHER—30 ctns, City of Auckland, Tel Aviv
ETHYL FLUID—(Collamer) 60 dms, Havre; 15 dms, St Nazaire
GASOLINE—487 bbls, City of Christiania, Port Elizabeth
GLAZE, METAL—1 pl, Black Gull, Amsterdam
GREASE, LUBRICATING—(New Orleans) 10 dms, Brisbane; 4 dms, Sydney; 1 cs, Melbourne; 90 bbls, Malancha, London; 7 pkgs, Edam, Rotterdam; (City of Christiania) 50 bkts, Capetown; 30 bkts, Beira; 15 cs, bkts, Durban; 10 dms, Ragnhildsholm, Stockholm; 1 pl, 1 cs, Soloy, Buenos Aires; 20 dms, City of Auckland, Bombay; 3 dms, Black Gull, Amsterdam; 14 dms, Collamer, Havre
FIRECLAY—300 ctns, New Orleans, Melbourne
FUNGICIDE—5 ctns, Malancha, London
INSECTICIDE—1 bx, Malancha, London
LICORICE, PASTE—5 cs, New Orleans, Sydney
WASTE—18 dms, Malancha, London; 6 dms, Collamer, Havre
LINSEED CAKE—3,790 bgs, Waukegan, Liverpool; 635 bgs, Malancha, London
MANGANESE ORE—300 bgs, City of Christiania, Port Elizabeth
GROUND—7 bbls, City of Auckland, Bombay
MEDICINAL PREPS—(City of Auckland) 11 bxs, Bombay; 6 bxs, Colombo; 6 bxs, Madras; 6 bxs, Rangoon; 17 bxs, Calcutta
MINERAL SPTS—20 cs, City of Christiania, Lourenco Marques
NITROCELLULOSE—201 bbls, Malancha, London
OIL, COALTAR—12 dms, Malancha, London
ILLUMINATING—(City of Christiania) 1,000 cs, East London; 100 cs, Beira; 2,200 cs, Durban; 2,100 cs, Lourenco Marques
LUBRICATING — (New Orleans) 74 dms, 1 cs, Brisbane; 81 dms, 21 pkgs, Sydney; 105 dms, 300 porpails, 562 pkgs, Melbourne; 30 dms, 20 pkgs, Adelaide; 800 pkgs, 26 dms, Fremantle; 20 pkgs, Newcastle; 751 pkgs, Brisbane; 32 pkgs, Townsville; 40 pkgs, Cairns; 4,172 bbls, 20 dms, Elkhound, St John; (Malancha) 20 dms, Calcutta; 190 dms, 6 pkgs, 2 cs, London; 155 cs, 4 dms, Crispin, Ceara; 1,315 bbls, 92 pkgs, Edam, Rotterdam; (City of Christiania) 30 pkgs, Diego Suraz; 118 pkgs, Majunga; 55 pkgs, Morondava; 128 pkgs, Tulear, 85 pkgs, Tanga; 920 pkgs, Dar-es-Salaam; 50 pkgs, Zanzibar; 2,165 pkgs, Mombasa; 79 dms, 10 bkts, East London; 5 cs, 130 dms, 20 bkts, Capetown; 15 cs, 70 dms, 40 bkts, Beira; 220 dms, 40 cs, Durban; 135 dms, Port Elizabeth; 50 bkts, 45 cs, 110 dms, Lourenco Marques; (Ragnhildsholm) 800 pkgs, Gothenburg; 60 pkgs, Helsingborg; 159 pkgs, Malmo; 115 pkgs, Norrkoeping; 82 pkgs, Sundsvall; 900 pkgs, 3 ctns, 50 dms, 1 bx, Stockholm; 435 pkgs, Abo; 750 pkgs, Wiborg; 1,215 pkgs, Helsinki; (City of Auckland) 905 dms, Bombay; 12 dms, Calcutta; 35 dms, Marmugoa; 27 dms, Black Gull, Amsterdam; (Collamer) 65 dms, 100 bbls, Havre; 360 bbls, St Nazaire; 100 bbls, Bordeaux; (Vaclite) 23,418 bbls, Liverpool and London; 17,305 bbls, Bremen; 714 bbls, Budapest; 4,908 bbls, Prague; 1,429 bbls, Vienna; 1,178 bbls, Zagreb
NEATSFOOT—12 bbls, Collamer, Havre
PAINT—4 ctns, Ragnhildsholm, Stockholm; 62 dms, 150 pls, Soloy, Buenos Aires; (Black Gull) 300 pls, 5 dms, Antwerp; 24 dms, 81 pls, Amsterdam
PARAFFIN — 130,480 lbs, Vaclite, Liverpool and London
SCALE — 853 bbls, Waukegan, Manchester
PITCH, COALTAR — 5,000 tons, Blairatholl, Calais
POLISH, AUTO — 30 ctns, Ragnhildsholm, Stockholm
PASTE—3 pls, Soloy, Buenos Aires
RADIATOR SOLDER—2 ctns, Ragnhildsholm, Stockholm
RESIN, COALTAR—21 dms, Malancha, London
RUBBING COMPOUND—22 ctns, Ragnhildsholm, Stockholm
SOAP, AUTO—24 pls, 12 ctns, Ragnhildsholm, Stockholm
LAUNDRY—300 bxs, Waukegan, Glasgow; 600 bxs, Malancha, London
TIRE COATING, BLACK — 6 ctns, Ragnhildsholm, Stockholm
TRINITROTOLUOL — 2,000 cs, Canadian, Antofagasta

Port Arthur Exports
Clearance Dates

Arminda, March 22; Brasil, March 25; Cleopatra, March 26; Leiesten, March 25; Lustrous, March 18; Padnsay, March 25; Petrofina, March 28; Recorder, March 22; Velma Lykes, March 24; Woensdrecht, March 28

ASPHALT—(Arminda) 15 cs, Kingston; 583 dms, Barranquilla; 1 dm, 3 cs, Cristobal; 381 dms, Maracaibo; 75 dms, Brasil, Santos
LIQUID—(Arminda) 1 bx, Kingston; 1 cs, Ciudad Trujillo; 1 bx, Padnsay, Port Bouet
PETROLEUM—820 bbls, 868 dms, Recorder, Liverpool-Manchester; 800 dms, Velma Lykes, San Juan
GASOLINE — 67,056 bbls, Lustrous, Thameshaven; (Arminda) 5 cs, 50 bbls, Kingston; 400 bbls, 100 dms, Puerto Limon; 100 dms, Puerto Barrios; 50 bbls, Puerto Plata; 405 bbls, Cristobal; (Brasil) 2,507 bbls, 300 dms, Rio de Janeiro; 24,746 bbls, Santos; 43,095 bbls, Montevideo; (Padnsay) 2,500 cs, Dakar; 2,500 cs, Salt Pond; 3,000 cs, Winnebah; 4,600 cs, Cape Coast; 600 dms, Funchal; 1,000 cs, Kribi; 1,700 cs, Cape Palmas; 6,150 cs, Port Bouet; 1,550 cs, Keta; 3,000 cs, Port Harcourt; 1,600 cs, Bathurst; 750 cs, St Vincent; 3,600 cs, Duala; 2,500 cs, Sassandra; 4,000 cs, Conakry; 3,000 cs, Cotonou; 2,500 cs, Accra; 6,747 cs, Lagos-Apapa; 4,000 cs, Port Marshall; 39,902 bbls, Woensdrecht, St Louis du Rhone
GREASE—50 dms, 180 ctgs, 158 cs, Recorder, Liverpool-Manchester; (Arminda) 197 dms, 136 cs, Kingston; 2 dms, Puerto Limon; 6 dms, 10 cs, La Romana; 145 cs, 70 pls, Puerto Barrios; 5 dms, 11 cs, San Pedro de Macoris; 17 cs, Port au Prince; 10 dms, 36 cs, Ciudad Trujillo; 22 dms, Barranquilla; 19 dms, 8 cs, Cristobal; 84 dms, Maracaibo; 27 dms, Velma Lykes, San Juan; (Brasil) 5 dms, 5 kgs, 35 cs, 10 bbls, Rio de Janeiro; 220 dms, Santos; (Padnsay) 90 cs, Dakar; 1 cs, Funchal; 55 dms, 100 cs, Port Bouet; 40 cs, Duala; 70 cs, Cotonou; 1 ctn, Accra; 5 dms, 20 cs, Lagos-Apapa; 888 bbls, Santa Cruz de Teneriffe
KEROSENE—8,258 bbls, Lustrous, Thameshaven; 75 dms, Recorder, Liverpool-Manchester; (Arminda) 150 bbls, 3,025 cs, 9 dms, Kingston; 1,700 cs, La Romana; 100 dms, Puerto Barrios; 1,550 cs, San Pedro de Macoris; 1,400 cs, Puerto Plata; 1,000 cs, Port au Prince; 5,600 cs, Ciudad Trujillo; 900 cs, Azua; (Brasil) 3,503 bbls, 400 cs, Rio de Janeiro; 500 cs, Santos; 9,496 bbls, Montevideo; (Padnsay) 2,000 cs, Dakar; 2,200 cs, Freetown; 1,000 cs, Salt Pond; 550 cs, Winnebah; 1,100 cs, Cape Coast; 2,000 cs, Kribi; 50 cs, Cape Palmas; 3,500 cs, Port Bouet; 550 cs, Keta; 400 cs, Bathurst; 1,250 cs, St Vincent; 3,100 cs, Duala; 1,000 cs, Conakry; 3,000 cs, Cotonou; 4,000 cs, Accra; 5,400 cs, Lagos-Apapa
OIL, DIESEL—(Arminda) 100 bbls, Aux Cayes; 1 cs, samples, Ciudad Trujillo; (Brasil) 4,960 bbls, Rio de Janeiro; 4,000 bbls, Santos; (Padnsay) 100 dms, Port Bouet; 200 dms, Cotonou; 300 dms, Lagos-Apapa
FUEL, HEAVY—40,835 bbls, Cleopatra, Medway
FUEL, LIGHT—23,826 bbls, Cleopatra, Medway
GAS—63,585 bbls, Leiesten, Hamburg
LONG BURNING—1 cs, Padnsay, Lagos-Apapa
LUBRICATING—(Arminda) 278 dms, 340 cs, Kingston; 8 dms, Puerto Limon; 10 dms, 10 cs, La Romana; 281 dms, 151 cs, Puerto Barrios; 11 dms, 33 cs, San Pedro de Macoris; 5 cs, Puerto Plata; 25 dms, 19 cs, Port au Prince; 86 dms, 85 cs, Ciudad Trujillo; 11 dms, Barranquilla; 63 dms, 36 cs, Cristobal; 237 dms, Maracaibo; 109 dms, Velma Lykes, San Juan; (Brasil) 533 bbls, 324 dms, 165 cs, Rio de Janeiro; 5 cs, Montevideo; (Padnsay) 70 dms, 130 ctns, 50 cs, Dakar; 50 cs, Kribi; 10 dms, Cape Palmas; 75 dms, 120 cs, Port Bouet; 301 cs, Duala; 25 cs, Conakry; 13 dms, 53 cs, Cotonou; 10 dms, 30 cs, Lagos-Apapa; 5,780 dms, Santa Cruz de Teneriffe
PALE—419 dms, 85 bbls, 295 ctgs, 100 cs, Recorder, Liverpool-Manchester
PARAFFIN—(Arminda) 10 cs, 5 bgs, Kingston; 67 bgs, Port au Prince; 10,233 bgs, Padnsay, Santa Cruz de Teneriffe
PETROLEUM, CRUDE—113,010 bbls, Petrofina, Dunkirk
SOLVENT, CLEANING—(Arminda) 10 bbls, 20 cs, Kingston; 3 dms, Puerto Limon; 2 dms, 20 bbls, Cristobal; (Brasil) 5 dms, 600 cs, Rio de Janeiro; 400 dms, Santos
WAX, DRESSING—5 cs, Arminda, Kingston

San Francisco Exports
Clearance Dates

Balboa, March 14; Brandanger, March 11; Dinteldijk, March 11; Hauraki, March 11; Pennsylvania, March 11; Portland, March 15; President Pierce, March 12; San Luis, March 15; Teiyo, March 15; Tolken, March 15; Trondanger, March 15

ACETATE, AMYL—11 dms, Dinteldijk, Holland
BUTYL—6 dms, Tolken, Australia
ACETONE—62 dms, Dinteldijk, Holland; 80 dms, Tolken, Australia
ACID—1 cs, President Pierce, Hongkong
CRESYLIC—1 pl, Tolken, Australia
BORIC, POWD—1 kg, President Pierce, Hongkong
FATTY—15 sks, Dinteldijk, Panama
ACID, MURIATIC—1 cs, President Pierce, Hongkong
TARTARIC—5 kgs, President Pierce, Manila
ADHESIVE—12 cs, President Pierce, Hongkong
ALCOHOL, BUTYL—12 dms, Tolken, Australia
ALUMINUM POWDER—40 dms, President Pierce, Hongkong
AMMONIA, ANHYDROUS—40 cyls, President Pierce, Manila
SULPHATE—30 sks, Balboa, Puerto Colombia
APRICOT KERNELS—10 sks, Portland, Hamburg; 275 sks, Dinteldijk, Holland; (Balboa) 50 sks, Stockholm; 30 sks, Malmo; 15 sks, Goteborg; 210 sks, Copenhagen; 50 sks, Gothenburg
ASPHALT—123 dms, Hauraki, Papette
LIQUID—105 pkgs, Pennsylvania, Panama
GILSONITE—50 sks, President Pierce, Kobe; (Portland) 152 sks, Havre; 205 sks, Antwerp
ASPHALTUM, CRUDE—529 sks, Dinteldijk, Endgland; 240 sks, Hauraki, Sydney; 50 sks, President Pierce, Kobe
BARYTES—100 sks, President Pierce, Hongkong
BENZIN — 13 dms, Tolken, Tasmania; (Hauraki) 5 dms, Auckland; 5 dms, Lyttleton; 1 dm, Dunedin; 20 dms, Sydney; 10 dms, Tolken, Australia
BEVERAGE STABILIANT—1 cs, President Pierce, Hongkong
BITUMINOUS PREP—14 cs, President Pierce, Manila
BLEACHING POWDER—15 dms, President Pierce, Hongkong
BLUE, HOUSEHOLD—12 cs, President Pierce, Manila
BLUESTONE—180 cs, President Pierce, Manila
BONES—28 tns, President Pierce, Kobe
BORAX—20 sks, 28 cs, President Pierce, Manila; 448 sks, Tolken, Tasmania
BRAKE FLUID—10 cs, President Pierce, Hongkong
CARBON BISULPHIDE — 10 cs, Hauraki, Wellington
CATGUT, SURGICAL—11 cs, President Pierce, Hongkong
CEMENT, LIQUID—4 dms, Hauraki, Melbourne
RUBBER—7 bbls, President Pierce, Manila
CHARCOAL, ANIMAL — 1 kg, President Pierce, Hongkong
CHEMICALS, PHOTO—7 cs, President Pierce, Manila
CHLORINE BLEACH, LIQUID—11 cs, President Pierce, Manila
CHLOROFORM—5 cs, President Pierce, Hongkong
CLAY—1 dm, Hauraki, Melbourne
CLEANER, LIQUID—1 cs, President Pierce, Manila
CLEANSER—(President Pierce) 462 cs, Manila; 5 cs, Hongkong
COCO BEANS—(Hauraki) 172 sks, Sydney; 12 sks, Wellington; 250 sks, Auckland
BUTTER—167 cs, 14 bls, Tolken, Australia
COLOR, DRY—5 kgs, Tolken, Australia
CREAM TARTAR—8 kgs, President Pierce, Manila
DENTAL SUPPLIES—5 cs, President Pierce, Hongkong
DENTIFRICE—11 cs, President Pierce, Hongkong
DIACETONE, TECHNICAL — 1 dm, Tolken, Australia
DIP, ANIMAL — 10 dms, President Pierce, Hongkong
DRESSING, LEATHER—6 cs, President Pierce, Manila
SHOE—2 cs, Hauraki, Papeete; 3 cs, President Pierce, Manila
DRUGS—(President Pierce) 111 cs, Manila; 9 cs, Hongkong; 40 cs, Rizal
EGG YOLK, HEN, POWD—2 bbls, Pennsylvania, Cristobal
ENAMEL—2 cs, Hauraki, Papeete
EPSOM SALT—3 kgs, President Pierce, Hongkong
ETHER, ISO-PROPYL — 13 dms, Dinteldijk, Holland
FERRIC CHLORIDE—1 cs, President Pierce, Manila
FERROSILICON—10 dms, President Pierce, Manila
GASOLINE—(Hauraki) 450 cs, 186 dms, Papeete; 650 dms, Auckland; 350 dms, Lyttleton
GINGER ROOT—(Hauraki) 6 sks, Sydney; 12 sks, Melbourne
GLASS, BROKEN—448 sks, President Pierce, Hongkong
GLUCOSE—(Hauraki) 1 bbls, Papeete; 140 bbls, Dunedin
GLUE, DRY — 1 cs, President Pierce, Hongkong
GREASE, CUP—2 cs, Hauraki, Papeete
LUBRICATING — 1 cs, Hauraki, Papeete; (President Pierce) 56 cs, Manila; 2 dms, Hongkong; 116 pkgs, Cavite; 350 dms, 2 cs, Tolken, Australia
HAIR PREPS—(President Pierce) 9 cs, Bangkok; 20 cs, Manila; 3 cs, Hongkong
HYDROGEN PEROXIDE — (Hauraki) 46 cs, Auckland; 14 cs, Christchurch; 78 cs, Wellington; 12 cs, Dunedin
INK—1 cs, President Pierce, Peiping
MARKING—2 cs, Brandanger, Argentina
PRINTING—(President Pierce) 2 cs, Yokohama; 14 dms, Hongkong; 1 kit, Manila
WRITING—(President Pierce) 98 cs, Manila; 1 cs, Chinnampo; 16 pkgs, Hongkong
INSECTICIDE—19 cs, President Pierce, Manila
IODOFORM, POWD—1 cs, President Pierce, Hongkong
KEROSENE—4 dms, 750 cs, Hauraki, Papeete; 710 dms, Tolken, Australia
LABORATORY APPARATUS—2 cs, President Pierce, Peiping
LACQUER—1 cs, Hauraki, Auckland; 1 cs, President Pierce, Cagayan
LEAD—25 kgs, President Pierce, Manila
METALLIC PASTE—1 pl, Dinteldijk, England
LUBRICANT—1 cs, President Pierce, Manila
MEDICINAL PREPS—(President Pierce) 1 cs, Canton; 2 cs, Hongkong; 6 cs, Manila
MERCURY BICHLORIDE — 1 cs, President Pierce, Hongkong
METHYL ETHYL KETONE—12 dms, Tolken, Australia
MILK POWDER—(President Pierce) 6 cs, Saigon; 100 cs, Hongkong; 10 bbls, Manila
MINERAL SPIRITS—3,250 dms, Tolken, Australia
MUCILAGE—3 cs, President Pierce, Rizal
MOLYBEDENUM CONCENTRATE — 81 bbls, President Pierce, Osaka
MUCILAGE—1 cs, President Pierce, Manila
NAPHTHA — 250 dms, Dinteldijk, Holland; (Hauraki) 75 dms, Wellington; 200 dms, Melbourne; 15 dms, Lyttleton; 300 dms, Sydney; 170 dms, Tolken, Australia
NICKEL CATALYST — 21 bbls, Trondanger, Holland
OIL, CHINAWOOD—107 dms, Brandanger, Argentina
CRUDE—85,289 bbls, Teiyo, Tokuyama
DIESEL—66,652 bbls, San Luis, Japan
ENGINE—20 cs, Hauraki, Papeete
FUEL—6,562 bbls, San Luis, Japan
LINSEED—4 dms, President Pierce, Hongkong
LUBRICATING—(Dinteldijk) 30 dms, Peru; 28 dms, 1 cs, England; (Hauraki) 17 dms, Papeete; 30 dms, Auckland; 150 dms, Sydney; 15 dms, Lyttleton; 130 dms, Melbourne; 130 dms, Sydney; (President Pierce) 340 dms, Hongkong; 20 cs, Manila; 150 dms, Yokohama; 2,555 dms, 55 cs, Tolken, Australia
MOTOR—2 cs, 1 bbl, Hauraki, Papeete
OLEO—10 bbls, President Pierce, Manila
ORANGE AND LEMON—3 cs, President Pierce, Hongkong
PEPPERMINT—10 cs, President Pierce, Hongkong
PETROLEUM—(Hauraki) 20 dms, 30 cs, Auckland; 150 cs, Wellington; 15 dms, Lyttleton; 30 cs, Dunedin; (President Pierce) 55 dms, Bangkok; 150 dms, Kobe; 50 dms, Manila; 255 dms, Tolken, Australia
PETROLEUM, RFD—125 dms, Hauraki, Sydney
Rubbing—1 cs, President Pierce, Manila
SALAD—7 dms, President Pierce, Yokohama
PAINT—3 dms, 2 kegs, 1 cs, Brandanger, Peru; 60 cs, Pennsylvania, Cristobal; 13 cs, Hauraki, Papeete; (President Pierce) 8 cs, 13 kegs, Bangkok; 324 cs, 253 kegs, 30 pls, Manila
ALUMINUM—3 cs, 8 kegs, President Pierce, Bangkok
DRY—2 kegs, Brandanger, Peru; President Pierce) 75 kegs, 4 cs, Bangkok; 20 dms, Manila
MIXED—5 cs, Hauraki, Papeete
TAR—1 cs, Hauraki, Melbourne
THINNER—13 cs, President Pierce, Manila
PASTE, ADHESIVE—1 pl, Hauraki, Melbourne; (President Pierce) 21 pkgs, Manila; 2 cs, Hongkong
STATIONERS—1 cs, President Pierce, Chinnampo
PETROLATUM—4 pls, 15 kegs, President Pierce, Hongkong
PLASTER PARIS—5 cs, President Pierce, Hongkong
POLISH, FURNITURE — 18 cs, President Pierce, Manila
METAL—3 cs, President Pierce, Manila
SHOE—(President Pierce) 8 cs, Hongkong; 24 cs, **Manila; 12 cs, Rizal**
POTASH IODIDE—2 cs, President Pierce, Hongkong
XANTHATE—10 dms, Brandanger, Chile
PUMICE—1 keg, President Pierce, Manila
PYROCATECHIN — 1 keg, President Pierce, Tientsin
QUICKSILVER — 2 flsks, President Pierce, Chinnampo
RODENT EXTERMINATOR—2 cs, Hauraki, Papeete
SALT—10 bls, 13 cs, Hauraki, Papeete; 125 sks, President Pierce, Manila
SERUM—2 cs, President Pierce, Hongkong; 1 cs, President Pierce, Manila
SOAP—120 cs, President Pierce, Manila
CLEANSING—(President Pierce) 2 cs, Manila; 5 cs, Hongkong
FLAKES—2 cs, President Pierce, Hongkong
HAND—12 cs, Pennsylvania, Balboa
LAUNDRY—5 cs, President Pierce, Manila
PASTE—1 bbl, Hauraki, Wellington
SCOURING—1 bbl, Hauraki, Dunedin
TOILET—(President Pierce) 545 cs, Hongkong; 3 cs, Rizal
SODA—205 cs, President Pierce, Hongkong
BAKING—2 cs, President Pierce, Manila
BICARBONATE—16 kegs, Hauraki, Papeete
CHLORIDE—2 cs, President Pierce, Hongkong
SILICATE—3 dms, Hauraki, Auckland; 667 sks, President Pierce, Manila
SOYBEAN FLOUR—1 sk, Tolken, Australia
SPONGE WASTE—14 bls, President Pierce, Yokohama
SPONGES—5 bls, President Pierce, Kobe
SULPHANILAMIDE—2 dms, President Pierce, Peiping
SULPHUR, POWD—1 keg, President Pierce, Hongkong
SURGICAL DRESSINGS — 2 cs, President Pierce, Hongkong
TALC—15 cs, President Pierce, Hongkong
TAR, PINE—5 dms, Tolken, Australia
TETANUS, ANTITOXIN — 2 cs, President Pierce, Hongkong
TOILET PREPS—(President Pierce) 36 cs, Hongkong; 2 pkgs, Manila
TURPENTINE—1 cs, Hauraki, Papeete; 10 cs, President Pierce, Manila
VARNISH—1 dm, Brandanger, Peru; (President Pierce) 48 cs, Manila; 13 cs, Hongkong
REMOVER—2 cs, President Pierce, Manila
WATER MINERAL—400 cs, President Pierce, Manila
WATERPROOFING COMP — 1 pl, Hauraki, Melbourne
WAX—1 cs, President Pierce, Manila
CANDELLILLA—1 sk, President Pierce, Manila
CARNAUBA—1 sk, President Pierce, Manila

Savannah Exports
Clearance Dates

Asbjorn, March 29; City of Derby, March 30; Delisle, April 1; Steel Trader, March 30; Thirlby, March 25

CLAY—1 bg, Thirlby, London
COTTON LINTERS — (Thirlby) 193 bls, Bremen; 350 bls, Hamburg; 25 bls, Rotterdam
GLUCOSE—30 bbls, Thirlby, London; (City of Derby) 60 bbls, Manila; 30 bbls, Iloilo
OIL, PINE—(Asbjorn) 10 dms, Kobe; 20 dms, Osaka; 3 dms, City of Derby, Manila
ROSIN—(Thirlby) 794 bbls, London; 1,530 bbls, Hamburg
GUM—(Steel Trader) 25 bbls, Port Sudan; 300 bbls, Bombay; 170 bbls, Calcutta; (Asbjorn) 1,649 bbls, 124 dms, Yokohama; 436 bbls, Kobe; 2,925 bbls, 80 dms, Osaka; (City of Derby) 100 bbls, Hongkong; 360 bbls, Shanghai
SIZE, DRY—(Thirlby) 1,083 bgs, London; 45 bgs, Rotterdam
WOOD — (Asbjorn) 22 dms, Yokohama; 351 dms, 50 bbls, Osaka
TURPENTINE—1 dm, Steel Trader, Alleppey; (Thirlby) 265 dms, London; 50 bbls, Rotterdam
GUM—(Asbjorn) 418 cs, 10 dms, Yokohama; 50 cs, Osaka
WOOD—12 dms, Asbjorn, Osaka

Tampa Exports
Clearance Dates

Colombia, March 25; Cuba, March 23; Elmsport, March 24; Ferndale, March 28; Laguna, March 23; Winston Salem, March 24

GASOLINE—24 dms, Laguna, Belize
OIL, LUBRICATING—6 dms, Laguna, Belize
PHOSPHATE—2 bgs, Cuba, Havana; 3,150 tons, Winston Salem, Rotterdam; 2,626 tons, Elmsport, Austria; 8,337 tons, Colombia, Yokohama; 7,205 tons, Ferndale, Osaka

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE — 78,052 bbls, S M Spalding, Baytown; 102,931 bbls, Esso Houston, Baytown

OIL, FUEL — 37,391 bbls, Henry M Dawes, Texas City; 4,283 bbls, Trottiera, Baytown

GAS — 34,058 bbls, Teddy, Flushing; 54,814 bbls, Chiloil, New York; 77,580 bbls, Atlantic Sun, Carteret, N J

HEATING — 32,790 bbls, C A Canfield, Baytown

PETROLEUM, CRUDE — 46,872 bbls, Dannedaike, Texas City; 30,212 bbls, Federal, Houston; 109,748 bbls, Spencer Kellogg, Texas City; 51,481 bbls, Kekoskee, Elizabeth, N J; 12,121 bbls, Henry M Dawes, Texas City; 47,884 bbls, Thermo, Texas City; 140,112 bbls, G Harrison Smith, Baytown; 30,105 bbls, Federal, Baytown; 54,230 bbls, Spencer Kellogg, Baytown; 42,255 bbls, Teddy, Flushing; 108,534 bbls, E M Clark, Baytown; 136,890 bbls, Beta, Texas City; 28,052 bbls, Conus, Baytown; 76,340 bbls, Astral, Sewaren, N J; 84,342 bbls, Dixie Arrow, New York; 74,671 bbls, Dungannon, Port Neches; 104,265 bbls, A C Bedford, Baytown; 76,718 bbls, Dean Emery, Baytown; 141,128 bbls, Charles G Black, Baytown

Los Angeles Coast Trade

GASOLINE—66,181 bbls, Agwiworld, Seattle; 8,937 bbls, San Diegan, San Diego; 22,065 bbls, Warwick, Portland; 10,799 bbls, San Diegan, San Diego; 17,028 bbls, Utacarbon, Oleum; 48,961 bbls, Utacarbon, Seattle; 62,498 bbls, Mojave, Portland

KEROSENE—3,584 bbls, Utacarbon, Seattle
DISTILLATE—1,462 bbls, San Diegan, San Diego
OIL, DIESEL—17,630 bbls, Agwiworld, Seattle; 24,684 bbls, La Brea, Port San Luis; 5,839 bbls, Utacarbon, Seattle; 13,188 bbls, Mojave, Portland
FUEL—50,613 bbls, Torres, San Francisco; 7,356 bbls, Mojave, Portland
FURNACE—4,032 bbls, Utacarbon, Seattle
PETROLEUM, CRUDE—74,406 bbls, Montebello, Oleum

San Francisco Coast Trade

ASPHALTUM—172 dms, Munami, Portland, Ore
BONE MEAL—600 sks, Peter Helms, Seattle
1,000 sks, Peter Helms, Tacoma
CEMENT, LIQUID—15 tons, Celilo, Los Angeles
70 dms, Munami, Portland, Ore
CHLORINE BLEACH, LIQUID—575 cs, Silverado, Tacoma
1,600 cs, Nabesna, Portland, Ore
3,340 cs, Peter Helms, Seattle
586 cs, Peter Helms, Tacoma
CLEANING COMP—33 dms, Munami, Portland, Ore
COTTONSEED MEAL—50 tons, Oliver Olson, Seattle
EPSOM SALT—25 tons, Celilo, Los Angeles
INK, PRINTING—114 dms, Silverado, Seattle
INSECTICIDE—225 pkgs, Munami, Portland, Ore
18 tons, Oliver Olson, Seattle
LARD SUBSTITUTE—50 dms, Peter Helms, Seattle
LIME—1,200 sks, Peter Helms, Settle
OIL, LUBRICATING—66 dms, Silverado, Seattle
80 dms, Nabesna, Portland, Ore
30 tons, Celilo, Los Angeles
372 tons, San Rafael, Bayonne
65 dms, Peter Helms, Seattle
OLEOMARGARIN—2,200 cs, Nabesna, Portland Ore
PAINT—779 pkgs, Nabesna, Portland, Ore
18 tons, Celilo, Los Angeles
1,296 pkgs, Peter Helms, Seattle
PETROLEUM PRODUCTS—164 tons, Nabesna, Willbridge
1,200 pkgs, Peter Helms, Seattle
320 tons, Oliver Olsen, Seattle
SALT—70 tons, Silverado, Seattle
2,915 pkgs, Nabesna, Portland, Ore
1,870 sks, Munami, Portland, Ore
3,990 pkgs, Peter Helms, Seattle
480 sks, Peter Helms, Tacoma
100 tons, Oliver Olson, Seattle
SHELL, GROUND—400 sks, Munami, Portland, Ore
SOAP—868 pkgs, Silverado, Tacoma
1,440 cs, Peter Helms, Seattle
SODA SILICATE—220 sks, Silverado, Tacoma
42 dms, Peter Helms, Seattle
350 dms, Peter Helms, Tacoma
SPRAY TREE—525 dms, Silverado, Seattle
2,878 cs, Nabesna, Portland, Ore
1,400 cs, 6,504 dms, Munami, Portland, Ore
STONE, POWD—400 sks, Silverado, Seattle

Cargo Ship Arrivals

April 2 to April 15

New York

Absaroka	Los Angeles	Apr 11
Alaskan	Portland*	Apr 8
American Banker	London	Apr 11
American Farmer	London*	Apr 8
American Importer	Manchester*	Apr 11
Antigua	Cristobal*	Apr 10
Antonia	Havre*	Apr 5
Aobasan	Kobe*	Apr 11
Astrea	Maracaibo*	Apr 4
Ausonia	Liverpool*	Apr 5
Birmania	Trieste*	Apr 15
Black Eagle	Rotterdam*	Apr 15
Black Heron	Rotterdam*	Apr 5
Black Osprey	Rotterdam*	Apr 6
Black Tern	Rotterdam*	Apr 10
Bristol City	Fowey	Apr 11
Californian	Tacoma*	Apr 11
Cameronia	Glasgow*	Apr 11
Cape Howe	Bahia*	Apr 4
Chincha	Mombasa*	Apr 13
Chiriqui	Puerto Colombia*	Apr 6
Cissy	Maracaibo*	Apr 8
City of Bath	Calcutta*	Apr 14
City of Worcester	Calcutta*	Apr 4
Coamo	Trujillo*	Apr 4
Cristobal	Cristobal*	Apr 11
Culberson	Santos*	Apr 13
Dagfred	Santos*	Apr 4
Delphol	Odessa	Apr 15
Deutschland	Hamburg*	Apr 15
Drottninghoim	Gothenburg	Apr 11
Eastern Prince	Buenos Aires*	Apr 13
Europa	Bremen*	Apr 12
Examiner	Oran*	Apr 15
Exeter	Jaffa*	Apr 14
Exmouth	Piraeus*	Apr 15
Fernbank	Manila*	Apr 8
Flora	Maracaibo*	Apr 11
Fort Amherst	St John's*	Apr 6
Fort Townshend	Trinidad*	Apr 9
Goslar	Whyalla*	Apr 10
Greystoke Castle	Dairen*	Apr 11
Guayaquil	Port au Prince*	Apr 4
Haiti	Puerto Colombia*	Apr 4
Hansa	Hamburg*	Apr 8
Heffron	Portland*	Apr 12
Herman Frasch	Portland*	Apr 12
Ile de France	Havre*	Apr 14
Ida	Trieste*	Apr 16
Ingria	Marseilles*	Apr 10
Iowan	Portland*	Apr 13
Jamaica	Puerto Colombia*	Apr 11
K I Luckenbach	Seattle*	Apr 7
Kanto	Manila*	Apr 9
Kelso	Hull*	Apr 14
Kimikawa	Iloilo*	Apr 15
Kirishima	Manila*	Apr 14
Laila	Iquique*	Apr 14
Lalonde	Santos	Apr 14
Lancastria	Liverpool*	Apr 12
Lara	Maracaibo*	Apr 11
Liberty Glo	Seattle*	Apr 13
Maasdam	Rotterdam	Apr 14
Maine	Mombasa*	Apr 12
Manaar	Calcutta*	Apr 9
Manhattan	Hamburg*	Apr 14
Mauna Kea	Honolulu*	Apr 8
McKeesport	Leith*	Apr 6
Mormacsun	Gdynia*	Apr 5
Mormactide	Copenhagen*	Apr 13
Nagara	Keelung*	Apr 15
Niel Maersk	Manila*	Apr 15
Oakmar	Portland*	Apr 11
Olga S	Antwerp*	Apr 12
Orizaba	Vera Cruz*	Apr 10
Osage	Tampico*	Apr 6
Pan America	Buenos Aires*	Apr 6
Paris	Havre*	Apr 5
Paul Luckenbach	Seattle*	Apr 14
Pocone	Santos*	Apr 15
Ponce	Sanchez*	Apr 5
Port Halifax	Melbourne*	Apr 7
President Harding	Hamburg*	Apr 9
Queen Mary	Havre*	Apr 4
Queen Victoria	Iloilo	Apr 5
Rex	Genoa*	Apr 14
Rhexenor	Hongkong*	Apr 15
Rio Pardo	Bahia*	Apr 14
Robin Adair	Mombasa*	Apr 13
San Jacinto	La Romana*	Apr 12
San Rafael	Portland*	Apr 13
Santa Elena	San Juan*	Apr 12
Santa Lucia	San Antonio*	Apr 4
Santa Maria	San Antonio*	Apr 11
Santa Paula	San Juan*	Apr 5
Saturnia	Trieste*	Apr 7
Scanpenn	Kotka*	Apr 14
Seatrain Havana	New Orleans*	Apr 5
Seatrain New York	New Orleans*	Apr 12
Silverteak	Hongkong*	Apr 7
Steel Exporter	Honolulu	Apr 10
Tachira	Maracaibo*	Apr 4
Talamanca	Puerto Colombia*	Apr 13
Tasmania	Kobe*	Apr 7
Tercero	Buenos Aires	Apr 15
Texas Ranger	Houston*	Apr 4
Texas Trader	Houston*	Apr 12
Triton	Manila*	Apr 14
Van Rensselaer	Paramaribo*	Apr 11
Vermont	Portland*	Apr 12
Vincent	Dunkirk*	Apr 8
Virginia	San Francisco*	Apr 11
Ward	Hinigaren*	Apr 4
West Cusseta	Calcutta*	Apr 12
Westernland	Antwern*	Apr 12
Yomachichi	Fremantle*	Apr 9
Zarembo	Matadi*	Apr 7

* And other ports

Recent Charters

PETROLEUM—5,003 tons, S S Mosli, dirty, Iraq to Havre, 14s 3d; April
—— tons, S S (Mallory), fuel oil, two trips, Gulf to North of Hatteras, 17½c a barrel; April
4,288 tons, S S Morgenen, dirty, Venezuela to Continent, 17s 6d; May
—— tons, S S (Mallory), crude oil, California to North of Hatteras, 60c a barrel, 17s 3d; April
—— tons, S S ——, dirty, Venezuela to United Kingdom, Continent, 17s 3d; April
3,435 tons, S S Solstad, gas oil, Gulf to Germany, 19s; May
8,500 tons, S S ——, dirty, Venezuela to United Kingdom, Continent, Hamburg range, 16s 6d; May
—— tons, S S Montana, six to nine months commencing May, 7s 3d
2,961 tons, S S Beaufort, dirty, Aruba to United Kingdom, Continent, 16s 6d; May
3,592 tons, S S Pelk, dirty, six months delivery, April-May, 9s 6d
4,855 tons, S S Fosna, dirty, California to Japan, 21s; July
4,411 tons, S S Ketty Brovig, dirty, six months, 7s 3d, option nine months; May
4,329 tons, S S Clydefield, dirty, Aruba to United Kingdom, Continent, 16s 6d; May
3,532 tons, Daghestan, dirty, Aruba to United Kingdom, Continent, 16s 6d; May
PHOSPHATE—500 tons, S S Cor Jesu, Bona to Stettin, 8s 3d; April
4,000 tons, S S Dea Mazzela, Bona to Rendsburg and Stettin and/or Stolzenhagen, 8s 9d; April

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended April 6

Aloe, 14 cases; not U.S.P.
Cocoa beans, 265 bags; moldy.
Mace, 21 cases; filthy.
Medicinal preparation, 1 package; false therapeutic claims; dangerous to health.
Nutmegs, 30 bags; moldy.
Nutmegs, refuse, 310 bags; restricted use.
Pollack liver oil, 74 drums; restricted use.

Boston

Week Ended April 6

Medicinal preparations, 3 cases; false therapeutic claims.

Buffalo

Week Ended April 6

Medicinal preparation, 1 package; false therapeutic claims.

Los Angeles

Week Ended March 31

Chillies, 62 bags; decomposed.

Obituaries

Frank G. Tallman

Frank Gifford Tallman, a vice-president of E. I. duPont de Nemours & Co.; died in a Wilmington hospital April 1 following a long illness. He was seventy-eight years of age.

Born in Dubuque, Iowa, Mr. Tallman matriculated at Cornell University in 1876, leaving the following year to work in his step-father's manufacturing plant, the Sweet Manufacturing Company, in Syracuse, N. Y. In 1879 he was, for a short time, superintendent of a rolling mill in Windsor Locks, Conn. From

Frank G. Tallman

1881 to 1885 he was again associated with the Sweet's company. He then became superintendent of the Carnegie, Phipps & Co. steel mill in Beaver Falls, Pa., where he remained five years.

After two years as a mechanical consulting engineer in Pittsburgh, he became the Pittsburgh sales manager for Yale & Towne Manufacturing Company, where he remained two years. In 1902 he joined the Brown Hoisting Machinery Company, and in 1905 joined the duPont company in the Wilmington office as director of purchases. Eleven years later he was made a member of the executive committee and vice-president in charge of purchases. From 1919 to 1925 he was president of the duPont Building Corporation and the Hotel duPont Company, and the duPont Playhouse Company. In 1925, Mr. Tallman requested to be placed on the retired list, and since that time has been a vice-president and director.

Mr. Tallman established the Tallman Foundation at Bowdoin College, which enables the college to have the benefit of foreign and American lecturers of repute, and for which gift the college, in 1935, bestowed upon him the honorary degree of Master of Arts. In 1927, he contributed $50,000 toward the establishment of the John Edson Sweet Memorial Professorship at Cornell. Surviving are his wife, three daughters and two sons.

Warren W. Clute

Warren W. Clute, president of the Watkins Salt Company, Watkins Glen, N. Y., died of a heart attack April 7 in his Winter home in Miami Beach, Fla. He was seventy-three years of age. Mr. Clute was the largest independent salt producer in the United States, having founded his company in 1889. He was prominently identified with educational, recreational charitable activities in Watkins Glen. Surviving are his wife and two children.

Guy Dudley Hiscox

Guy Dudley Hiscox, purchasing agent and a former member of the directorate of the Pacific Coast Borax, died April 6 in his home in East Orange, N. J., after a three-week illness. He was seventy-one years of age. Mr. Hiscox had been affiliated with the Pacific Coast Borax Company for forty years. Surviving are a daughter, a brother and a sister.

Lewis Cass Longaker

Lewis Cass Longaker, vice-president and treasurer of the National Transit Company, died at his home in Oil City, Pa., April 3. He was eighty-two years of age.

Born in Pottstown, Pa., Mr. Longaker attended public schools in Pottstown and Philadelphia. In 1879 he entered the service of the United Pipe Lines in the Bradford field, serving in the tankage department. Mr. Longaker perfected a method of checking the stocks of crude, and was able through his system to determine whether the gross stocks were over or short following the day's operations, and from which method evolved the "over and short department" used by pipe line companies. The National Transit Company made Mr. Longaker assistant treasurer and a member of the directorate in 1918. He was elected treasurer in June, 1921, and vice-president in January, 1931. He was also vice-president and treasurer and a member of the board of the manufacturing subsidiary, the National Transit Pump & Machine Company. Surviving are his wife and three children.

George C. Priestly

George C. Priestly, veteran oil operator and refinery official, who retired from the oil industry about ten years ago, died unexpectedly April 5 in his home in Titusville, Pa. He was seventy-eight years of age.

Born in Houlton, Me., Mr. Priestly entered the producing branch of the oil industry in his youth and by 1909 was recognized as the largest individual operator in Oklahoma. He also had oil interest abroad. He served as national finance chairman of the Bull Moose campaign of Theodore Roosevelt in 1912. Surviving are five children, his wife having died in 1924.

John Henry Thomas

John Henry Thomas, who retired as vice-president of the American Flange & Manufacturing Company two years ago, died of pneumonia April 4 in his home in East Orange, N. J. He was sixty-nine years of age. Born in Cardigan, Wales, Mr. Thomas began an operatic career at the age of fifteen, singing tenor roles with various opera companies in England and this country until he was twenty-nine years of age, at which time, in 1901, he retired to enter business as vice-president of the Standard Paint Company, a post he held for twenty years. He ten became a vice-president of a celotex company for seventeen years, subsequently joining the American Flange organization.

William Ashley Sunday, jr., a former manufacturer of cosmetics, died of pneumonia April 2 in a Los Angeles hospital. He was thirty-seven years old, and the son of the late Billy Sunday, noted evangelist.

Mrs. Lois Barstow, widow of Frank Quarles Bartow, a member of the original board of directors of the Standard Oil Company, died in her home in South Orange, N. J., April 4. She was eighty-four years old.

E. G. Brown, whose business career of forty-five years was with John Carle & Son, wholesale druggist, this city died April 4 at his home, Brooklyn. He was about sixty-five years of age. Mr. Brown at the time of his death was in charge of the accounting department of the Carle company. His wife survives.

F. G. Fisher, former head of the American-South Pacific Company, defunct importer of Chilean nitrate, died at his home in Brooklyn, April 7.

Thomas Powell James, head of the animal oil department of the Martin Dennis Company, Newark, since 1929, died April 5 in his home of coronary thrombosis. He was eighty-six years old. Surviving are his wife and daughter.

E. J. Koos, president of N. S. Koos & Son, fertilizer producer, Kenosha, Wis., died April 4.

Mrs. Lina Pease Teeple, widow of John Edgar Teeple, chemical engineer, died in her home April 5. Surviving are two sons and a daughter.

Philadelphia

Week Ended April 6

Medicinal preparations, 2 cases; false therapeutic claims.

Seattle

Week Ended March 31

Medicinal preparations, 50 pieces; false therapeutic claims.
Medicinal preparations, 136 pieces; chlorbutanol not declared; less silver than declared.

Oils, Fats and Waxes

—*Continued from page 39*

Markets at Other Centers

Baltimore, Apr. 6.—The past week did not bring any change in the situation relative to menhaden oil, no further sales on when-and-if-made basis having been concluded, and the market being without any new developments that might give rise to further talk about prospects. There was in fact a complete absence of news, with the opening of the season still too far off to elicit speculation. For the present there is no reason to assume that any change in the price of 35 cents per gallon, paid on the last trading, has been taken place, though a further decline in the figures on tallow and other substitutes may modify ideas as to the value of fish oil. The opening of the fishing season off the Florida coast will not take place for some time yet, and meanwhile no information of a definite character has come out of that section. The figures on refined oil stand at 53 to 55 cents per gallon for light pressed, 55 to 57 cents per gallon for yellow bleached and 57 to 59 cents per gallon for light bleached supplies.

San Francisco, Apr. 6.—Crude California sardine oil, holdover material in the hands of secondary factors in northern California, last week found a new market level when some five tankcars moved into refining channels at a figure of 40c. per gallon, and a further quantity, possibly 5 or 10 tanks, changed hands at an unlearned level of slightly below this price. Meantime, activity in the southern California market was dormant, it was reported. Southern California's season, ending on March 31, wound up in slow fashion, with quite a large gap between the committed oil and the actual production. State figures on the 1937-38 season are expected shortly. They will in all probability reveal a production of only about 55 percent that of the previous season, when some 3,000 tankcars were made.

Officials of the Fish and Game Commission fear depletion is setting in. Few reduction plant operators made money this past season. Floating reduction operators threw up the sponge this year early in December after taking only a reported 74,000 tons against 239,000 for the previous season. Fleet operators felt the pinch also. There were more fishing boats active and in the aggregate they turned in less fish. They are already speaking for a $15 per ton rate on raw fish for next season. They received $13 this past season and in the early 1930's the rate was down to the neighborhood of $6.50.

Fats and Greases

Grease.—Weakness in tallow was reflected in greases, quotations being shaded ¼c. per pound, although the figures appeared to be more or less nominal. Trade continued to be reported as quiet.

Lard. — Cash quotations showed irregularity, changes generally being moderate and in company with the course of futures in the West where speculative sentiment appeared to be less bearish than recently. Domestic and foreign trade was reported as quiet. Hog marketing continued on a comparatively light scale.

Stearin. — Trade was quiet and the market had an easy tone, quotations being shaded ¼c.

Tallow.—The market was easier, the tone being influenced by recent developments in other fats and greases and by the quietness of trade, large consumers still being inclined to adhere to a waiting attitude. Competition among sellers was keener and sales were reported at 5⅛c. per pound, f.o.b., showing a decline of ¼c.

Trading in tallow futures on the New York Produce Exchange from April 2 to April 8, inclusive, comprised 8 contracts, a total of 480,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks— High.	Low.	Close.
June	5.23	5.23	5.16@5.30
July	5.35	5.25	5.21@5.33

Markets at Other Centers

Chicago, Apr. 8.—The cash lard market has been slow recently, with buyers apparently intimidated by the recent shakeouts in related speculative markets. The shipping trade has been fair.

The range of lard quotations from the opening Saturday, April 2, to the close Friday, April 8, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$7.90	$8.35	$7.90	$8.35	$7.90
May	8.05	8.37	7.92	8.35	7.95
July	8.25	8.57	8.17	8.55	8.20

TALLOWS (tierces).—Edible, 5¾c. to 5½c. per pound; prime, 5¼c. to 5½c.; fancy, 5⅜c. to 5½c.; special, 4⅞c. to 5c.; No. 1, 4½c. to 4¾c.

GREASES (tierces).—Choice white, 5¼c. to 5½c. per pound; A white, 4¾c. to 5c.; B white, 4½c. to 4¾c.; yellow, 10-16, 4¼c. to 4½c.; yellow, 16-20, 4⅛c. to 4¼c.; brown, 4c. to 4⅛c.

STEARINS (barrels)—Prime oleo, 6½c. to 6¾c. per pound; lard, packages, 8¾c. to 9c.; A white grease, 5½c. to 5¾c.; yellow grease, 4¾c. to 5c.; extra oleo stocks, 8¼c. to 8¾c.; No. 2 stocks, 7¾c. to 8¼c.

Liverpool, Apr. 8.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s. d.	May. s. d.	July. s. d.	Oct. s. d.
Saturday	48 3	44 0	44 6	46 0
Monday	49 0	44 3	44 9	46 3
Tuesday	48 0	43 6	44 3	45 3
Wednesday	48 3	43 6	44 3	45 6
Thursday	49 3	44 3	44 9	45 9
Friday	49 3	44 0	44 9	45 6

Liverpool, Apr. 8.—Quotations per cwt. on tallow were as follows:—

	Choice. s. d.	Fine, good mixed. s. d.
Saturday	21 3	19 3
Monday	21 3	19 3
Tuesday	21 3	19 3
Wednesday	21 3	19 3
Thursday	21 3	19 3
Friday	21 3	19 3

Animal Oils

Degras. — Quiet conditions continued to prevail, recent developments in other commodities making consumers inclined to hold off. With stocks small, the market retained a steady tone.

Lard.—There were no new developments in the way of price changes, the market being steady at the reduction announced in the previous week. There was a somewhat better inquiry for moderate lots for prompt shipment.

Neatsfoot.—A steady tone prevailed, quotations being held by producers at recently reduced levels. There was a fair inquiry though consumers showed little disposition to purchase ahead.

Oleo.—Quotations were stationary and the tone of the market appeared to be steady. There was a fair demand from local and other outside consumers.

Markets at Other Centers

Chicago, Apr. 8.—Tone continues rather soft in most of the animal oils here. Most of the buying continues to be in the form of small lot purchasing, with prompt shipment mostly wanted.

Lard.—No. 1, 8¼c. to 8½c. per pound.

OLEO.—No. 2, 8¼c. to 8½c.

TALLOW.—Acidless, 7½c. to 7¾c. per pound, tanks; 8¾c. to 9c., drums.

Waxes

Bees.—A narrow market was noted but on the whole sellers were disposed to keep quotations to a fairly steady basis while awaiting the development of a broader consuming requirement among manufacturing consumers. In general, the market might be called competitive to a substantial degree but open price structures were being maintained and concessions were special at the time of purchase, if at all.

Candelilla.—A short interest was said to exist on the spot and to that fact was laid the reports of low priced goods being actually available; low priced, that is, as compared with the first hand quotation of 14½c. per pound on ton lot quantities.

Carnauba.—Nominally, prices were unchanged. Actually, it seemed not unlikely that the No. 2 grades had actually been quoted at 2½c. per pound under what leading importers regard as a fairly legitimate price based on the prevailing cost of replacements. The fact seemed to be that as there was practically no more than a strictly jobbing demand, buyers could purchase single bags about as cheaply as they could buy ton lots and some quarters indicated that only with firm orders in hand was it possible to arrive at prices actually to be paid. There was no escaping the fact that it was strictly a buyers' market.

Japan.—Only jobbing orders were noted and there appeared to be little of even that type of trade. Single bags was about all any one buyer seemed to require. Prices wete unchange but, to some extent, they were also nominal because of the tendency toward competition.

Bids Wanted

Acetylene:—344,000 cubic feet; Superintendent of Lighthouses, Staten Island, N. Y.; procurement 55418, opening April 25.

Alcohol, Ethyl:—300,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 939, opening May 4.

Barium Carbonate:—5,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; circular 822, opening April 14.

Charcoal, Activated:—1,500 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 355, opening April 14.

Creosote Oil:—2,000 gallons for Port Byron, N. Y.; Department of Agriculture, Washington, D. C.; procurement 2052, opening April 15.

1,500 gallons; Commanding Officer, Picatinny Arsenal, N. J.; procurement 844, opening April 20.

Cutting Oil:—Supplies for Eastern and Western Yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3197, opening April 19.

Fertilizer:—45 tons for Coushatta, La.; Department of Agriculture, Washington, D. C.; procurement 2016, opening April 12.

Lard Oil:—Supplies for Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; 3197, opening April 19.

Lead, Dry.—10,000 pounds of powder; New York State Procurement, Treasury Department; New York city; procurement 206168, opening April 12.

Lime, Hydrated:—300,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 841, opening May 4.

Paint, Drywater:—14,500 pounds; Meteriel Division, Army Air Corps, Wright Field, Dayton, Ohio; circular 850, opening April 11.

Paint Grinding:—One mill for Urbana, Ill.; Department of Agriculture, Washington, D. C.; procurement 2044, opening April 12.

Petrolatum:—Supplies for Eastern and Western yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3197, opening April 19.

Rust Preventive:—37,500 pounds of this compound for Brooklyn and San Diego; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 3209, opening April 19.

Soap, Soft:—138,000 pounds; Meteriel Division, Army Air Corps, Wright Field, Dayton, Ohio; circular 838, opening April 15.

Soda, Caustic:—2,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 838, opening April 11.

Tar:—33,800 gallons; Alabama State Procurement, Treasury Department, Montgomery; procurement 17889, opening April 12.

Contracts Awarded

Alcohol, Denatured:—10,706 gallons; award to U. S. Industrial Alcohol Sales Company, New York city, by the Army Air Corps, Wright Field, Dayton, Ohio, at 36.7c. a gallon; circular 724, opened March 7.

Drycleaning Solvent:—2,000 pounds; award to the Shell Union Oil Corporation, New York city, at 9.5c. a gallon, by Picatinny Arsenal, N. J.; procurement 652, opened February 25.

Hypochlorite:—24,800 tubes; award to Rudich Scientific Apparatus Co., New York city, by the U. S. Marine Corps, Philadelphia, Pa., at 1.9c.; schedule 665, opened March 31.

Margarin Manufacturing Operations Up in Feb.

According to figures reported to the Bureau of Internal Revenue, Washington, the margarin manufacturers' production in February, 1938, compared with February, 1937, as follows:—

	Pounds— Feb., 1938.	Feb., 1937.
Total production of uncolored oleomargarin	*36,059,365	†30,458,842
Total withdrawn tax-paid	36,222,643	30,745,788

Ingredients used in the production of colored and uncolored margarin in February, 1938, compare with February, 1937, as follows:—

In Uncolored Margarin

	Pounds— Feb., 1938.	Feb., 1937.
Babassu oil	1,098,719	257,445
Coconut oil	6,410,597	6,567,192
Corn oil	40,802	172,560
Cottonseed oil	16,746,072	12,856,759
Derivative of glycerin	100,422	97,522
Lecithin	7,748	2,159
Milk	6,910,842	5,344,836
Neutral lard	139,740	170,660
Oleo oil	886,321	1,343,211
Oleo stearin	248,053	221,162
Oleo stock	70,352	129,909
Palm oil	.....	146,040
Palm kernel oil	527,316	82,850
Peanut oil	318,422	246,253
Salt	1,509,102	1,266,524
Soda benzoate	13,842	11,640
Soybean oil	2,737,432	2,716,209
Vitamin concentrate	4,920	.....
Totals	37,770,702	31,632,931
Total production of colored oleomargarin	‡142,031	¶179,224
Total withdrawn tax-paid	65,848	56,803

In Colored Margarin

Babassu oil	432	.....
Coconut oil	20,681	19,913
Color	164	190
Corn oil	.....	2,675
Cottonseed oil	45,715	54,361
Derivative of glycerin	392	201
Lecithin	1	2
Milk	38,213	40,065
Neutral lard	5,921	2,590
Oleo oil	24,563	20,131
Oleo stearin	100	3,590
Oleo stock	1,633	1,124
Palm oil	.....	44,840
Palm kernel oil	520	.....
Peanut oil	53	367
Salt	7,506	16,082
Soda benzoate	41	39
Soybean oil	18,230	4,409
Totals	164,165	210,579

* Of the amount produced, 60,396 pounds were reworked.

† Of the amount produced, 24,131 pounds were reworked.

‡ Of the amount produced, 96 pounds were reworked.

¶ Of the amount produced, 48 pounds were reworked.

Tung Oil Crop Forecast 4,000,000 Lbs.

OPD Washington Bureau
April 8, 1938

Four million pounds of tung oil will be produced this year from units grown in the United States, it is estimated by C. C. Concannon, chief of the Chemical Division of the Bureau of Foreign and Domestic Commerce. Mr. Concannon bases his estimate on indications, observed in the course of a recent visit to the tungtree belt in Florida, Georgia, Alabama, Mississippi, Louisiana, and Texas, that the crop of tungnuts this year will probably amount to 20,000,000 pounds.

Earlier in the season fear was felt for the current crop because of premature blooming and the consequent danger of frostblight. The danger period has now passed, however, and except for a few groves, notably one of 1,000 acres which suffered a 90-percent loss, fruit clusters are set, and barring the unusual, a good crop is assured, according to Mr. Concannon.

While convinced that the South has completed the groundwork for another great American agricultural industry, Mr. Concannon feels that there are still many difficult problems to face. First and foremost is the weather hazard, as the tung blossom is particularly sensitive to frost. In 1935 the entire crop was lost because early blooming was followed by unseasonable weather. In 1936, 10,000,000 pounds of nuts were harvested, but again in 1937 widespread frost damage resulted in very few nuts being produced.

Other problems are the proper selection of soil, water drainage, and the elimination of ill-advised speculative movements, it was stated. Mr. Concannon said that much money had been squandered throughout the tung belt in ill-starred ventures and urged that orchardists and prospective investors inform themselves thoroughly concerning the prospects for profits before investing time and money in tung groves. Acreage continues to be planted in places not suitable for the tung tree, according to accepted ideas, he added, and all too frequently groves which might otherwise thrive fail from lack of care. The fundamental requirements of climate and soil are now generally known, Mr. Concannon said, and increasing attention is being given to the problem with the view of safeguarding future developments.

Mr. Concannon found in his tour of inspection that considerable new acreage has been set to tungtrees during the past year, particularly in the Mississippi-Louisiana area. Although accurate records do not exist, he estimates that upward of 150,000 acres are now planted to tungtrees in the South, although he feels that through neglect and other unfavorable factors, probably not more than half of this acreage will prove to be successful. While the tungtree is not new to the South—a few experimental trees thirty years of age are still bearing in certain regions—there are practically no groves of any consequence more than eight or nine years of age, and the large majority of groves now properly planted and receiving adequate care are not yet of bearing age.

United States consumption of tung oil, practically all of which up to this time has come from China, has been increasing steadily in recent years. Last year when the record amount of close to 150,000,000 pounds were consumed, according to estimates, American importers paid China $20,000,000 for tung oil.

Drug and cosmetic dealers and importers in Belgium have been listed by the Bureau of Foreign and Domestic Commerce. Lists are available at the bureau in Washington at 10 cents a copy to accredited American firms.

TUNG OIL GROVES FOR SALE
Bearing Groves or Unplanted Land
In Pearl River County, Miss., Tung Oil Center of America
For Free Booklet Write
BLAINE EWING, Jr., 17 EAST 42nd ST., NEW YORK, N. Y.

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ACTIVE FIRM in London with sister firm on Continent seeks first class sole agency for Europe for the wholesale of raw materials, chemicals and by-products. Well introduced by soap, margarine, lacquer, paint, textile, leather, rubber, chemical, etc., manufacturers. Details to BOX 776, Oil, Paint and Drug Reporter.

NEW YORK selling firm established number of years would be interested in hearing from manufacturers of raw materials for paint, rubber, paper and other industries. BOX 777, Oil, Paint and Drug Reporter.

SOUTH AMERICA. On trip to Lima, Peru, established New York exporter interested in raw materials, bulk merchandise and retail products would consider also suitable representation or commission to Chile and Ecuador. BOX 788, Oil, Paint and Drug Reporter.

ENGLAND. Capable and thoroughly experienced London agent, with highest references and wide connections in the British home and export trade, desires agencies of first-class American manufacturers or exporters. BOX 789, Oil, Paint and Drug Reporter.

CHICAGO MAN with following among paint and lacquer manufacturers of the Middle West desires lines. BOX 790, Oil, Paint and Drug Reporter.

Buildings Offered

BRICK BUILDING, high one story 50x125, concrete floor, no columns, railroad siding, yard, live steam available 24 hours per day. Unrestricted district Newark, N. J. Low Rent. The R. L. Kraft Company, Woolworth Building, COrtlandt 7-9377.

Equipment Offered

CONSOLIDATED OFFERS for sale—Five Sweetland filters, up to No. 12; twenty plate-frame and recessed types filter presses, iron, bronze, wood, all sizes; forty centrifugal machines up to 60 inches; twenty-five copper jacketed kettles with and without agitators, up to 500 gallons; vacuum dryers, W. & P. mixers, rotary dryers, pulverizers, tanks, kettles, etc. Send us your inquiries. Consolidated Products Company, Inc., 15-17-19 Park Row, New York, N. Y.

Equipment Offered

FOR SALE—two 6x8 pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

Equipment Wanted

WANTED—Two Stokes single punch "R" presses or Colton single punch 5 or 5½ presses. Must be in good condition. B. Freeman, 6120 Webster street, Philadelphia, Pa.

WANTED—Two nine foot underdriven putty chasers. BOX 801, Oil, Paint and Drug Reporter.

WANTED—Used flaking drum. BOX 803, Oil, Paint and Drug Reporter.

Factories Offered

PAINT FACTORY, small, for sale or lease, located in Metropolitan area, now operating; available about May 1, 1938; very reasonable. BOX 794, Oil, Paint and Drug Reporter.

Positions Vacant

EARN nice income—soaps, cleaners, waxes, disinfectants, lubricants. Old manufacturer. Full commission weekly. Baum's Castorine, Rome, New York.

CHEMIST with initiative to take charge of growing paint concern; to develop products for the industrial trade and shelf goods, and work with the salesmen. In replying, give minimum salary desired, experience in detail, and age. BOX 791, Oil, Paint and Drug Reporter.

CHEMICAL SALESMAN for Metropolitan New York staff of national distributor with branch offices and warehouse stocks in key cities. Applicant must have following in textile, rubber, leather, etc. Reply giving qualifications, salary. BOX 796, Oil, Paint and Drug Reporter.

Positions Vacant

CHEMIST—Laboratory near New York City desires chemist, experienced in analyzing greases—previous connection with grease manufacturers essential: State qualifications, references, etc. BOX 802, Oil, Paint and Drug Reporter.

Positions Wanted

EXECUTIVE with wide industrial experience is seeking larger responsibilities with progressive concern. Especially interested in proper correlation of production, research and marketing. Excellent assistant to president or works manager. BOX 762, Oil, Paint and Drug Reporter.

WOOD FINISHER, practical with B.S. (chemistry) M.B.A. (accounting) has production proven formulas, stains, thinners, lacquers (nitro, acetate, and ethyl celluloses), wax and synthetic finishes and their low cost application by buffing, tumbling, dipping and spraying. Available May 1st for industrial sales and sales development with paint concern (eight years successful sales engineering experience metropolitan area, in another field) or executive position with wood concern. BOX 750, Oil, Paint and Drug Reporter.

DEVELOPMENT CHEMIST available. 20 years exceptionally broad experience in widely diversified lines including cellulose industries, naval stores, textiles, oils, paints, etc. Combined research, sales and executive experience. Highest references. BOX 774, Oil, Paint and Drug Reporter.

FERTILIZER MANUFACTURERS: Young man, B.S. Cornell, trained in chemistry, soil technology, plant physiology, desires work with fertilizer company. Useful in manufacture, analysis, sales. Four seasons farm experience. Highest references. Available immediately or in June. BOX 775, Oil, Paint and Drug Reporter.

PRINTING INK and dry color expert, desires position with reliable firm in either field. Will locate anywhere. BOX 780, Oil, Paint and Drug Reporter.

CHEMIST—GRADUATE, 24 years age, B.S. chem., two years experience formulating paints, varnishes. Special experience formulating synthetic industrial finishes. Desires position in laboratory or sales in New York City or 50 mile radius. BOX 761, Oil, Paint and Drug Reporter.

Positions Wanted

SALESMAN—Paints, varnishes, years of selling experience and large following in the Metropolitan area among leading jobbers, retail paint stores, industrial trade, etc., wishes connection with A1 manufacturer. Commission basis. BOX 792, Oil, Paint and Drug Reporter.

ACCOUNTANT-Office Manager—Christian, business and managerial background—credits, auditor and export. Salary nominal. Twenty years paint experience. BOX 793, Oil, Paint and Drug Reporter.

CHEMICAL SALESMAN with established national tonnage contacts in basic industries will consider offer from manufacturer or national distributor. Replies will be treated in confidence. BOX 795, Oil, Paint and Drug Reporter.

CHEMIST with eight years' experience in lacquer coatings, compositions for shoe polishes, etc. BOX 798, Oil, Paint and Drug Reporter.

RESEARCH CHEMIST, Princeton Ph.D. Two years' experience with insecticides, fertilizers and agricultural chemicals. BOX 799, Oil, Paint and Drug Reporter.

PLANT SUPERINTENDENT who has constructed, supervised and operated plants manufacturing inorganic acids and salts. BOX 800, Oil, Paint and Drug Reporter.

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Foreign Trade Openings

Correspondence in regard to any of the following foreign trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district office or cooperative office of the bureau and not to this publication. When writing give the number of the item:—

Aluminum sulphate:—Agency; Bogota, Colombia (5913).

Blue vitriol:—Purchase; Istanbul, Turkey (5906).

Borax:—Agency; Helsinki, Finland (5993).

Borax:—Agency; Tenhult, Sweden (5992).

Carbon dioxide:—Purchase; North Bay, Canada (5989).

Chemicals, flotation:—Agency; Helsinki, Finland (5993).

Chemicals, tanning:—Agency; Bogota, Colombia (5913).

Chemicals, industrial:—Agency; Zagreb, Yugoslavia (5932).

Cresol:—Agency, Helsinki, Finland (5993).

Dyes for coloring straw hats:—Purchase; Panama City, Panama (5940).

Eggs, frozen:—Purchase; London, England (5918).

Fumigants for stored foods:—Purchase and agency; Saigon, Indochina (5908).

Glue, bone:—Agency; Alexandria, Egypt (5994).

Mandrake for medical purposes:—Purchase; Liverpool, England (5911).

Medicines, proprietary:—Agency; Colombo, Ceylon (5917).

Oils, ethereal:—Purchase; Guatemala City, Guatemala (5991).

Paints, house and anti-rust:—Purchase and agency; Cairo, Egypt (5926).

Paraffin:—Agency; Tenhult, Sweden (5992).

Paraffin, refined:—Agency; Zagreb, Yugoslavia (5932).

Pharmaceutical ampules, extracts, tinctures, roots, and herbs:—Purchase; Cairo, Egypt (5990).

Pharmaceutical preparations:—Agency; Barbados, West Indies (5962).

Plastic raw materials:—Agency; Mexico City, Mexico (5909).

Potash chloride:—Agency; Tenhult, Sweden (5992).

Selenium and tantalum powder:—Purchase; Paris, France (5943).

Shellac:—Agency; Helsinki, Finland (5993).

Solvent naphtha:—Agency; Helsinki, Finland (5993).

Spermaceti:—Purchase; Hamburg, Germany (5910).

Sulphur:—Agency; Tenhult, Sweden (5992).

Sulphur, agricultural:—Agency; Capetown, South Africa (5907).

Titanium oxide:—Agency; Toronto, Canada (5914).

Turpentine:—Purchase and agency; Newcastle, England (5912).

Turpentine:—Agency; Tenhult, Sweden (5992).

Dewey & Almy Develops New Container Coating

A new thermoplastic material for coating the inside of containers has been developed by the Dewey & Almy Chemical Company, Cambridge, Mass. The coating is resistant to both acids and alkalies, as well as to water and some of the alcohols, and a variety of other products. It is not proof against oils or against solvents of the acetone-benzol types. It is, however, an effective moisture-proofing agent. The coating is described as forming a coherent, cohesive film that protects the container from the chemical action of the contents. The melting point is given as 125°-160°F., depending on requirements for which it is made.

Jesse L. Hopkins, of J. L. Hopkins & Co., crude drugs, this city and W. J. Mooney, of the Mooney-Mueller-Ward Company, wholesale druggist, Indianapolis, who have known one another for about fifty years, met for a several weeks' "reunion" in Hollywood, Fla., a short time ago.

Maltine Co. Moves

The Maltine Company, pharmaceutical manufacturer, moved April 9 to larger quarters in 21 West street, this city. The Maltine Company, of which James C. Chilcott is president, has been in business since 1875, and for the past three years has been located at 60 Hudson street.

SPECIALS

10—Day Liquid Wall Mixers with 100 gal. tanks.

8—40 gal. NEW Pony Mixers.

1—Three roll Sample Mill.

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1—Lacta Clarifier.

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Olive Oil Adulteration Convicts Two in Brooklyn

James de Vito, owner of the Import & Domestic Oil Company, Brooklyn, and Dominick Lamperiello, manager of the company, were convicted in a Brooklyn court on a charge of adulterated olive oil. Following the conviction, the court was informed the prisoners were believed to be linked with others in selling cottonseed oil labeled as imported olive oil. Nicholas T. Rogers, counsel for the Olive Oil Association of America, told the court that the coloring matter used to disguise the cottonseed oil as pure imported olive oil contained "a definite poison."

Mr. Rogers said that the association had been trying for five years to break up this racket, which the Federal government last year charged was largely in the hands of a $10,000,000 combine.

George A. Cammerer, Chicago, Ill., for a number of years active in representing Magnus, Mabee & Reynard, Inc., essential oils, this city, severed his relations with that company on April 4. In the future, he will devote his entire time to the business of Peek & Velsor, Inc., botanical drugs, this city, with which company he has been associated for many years.

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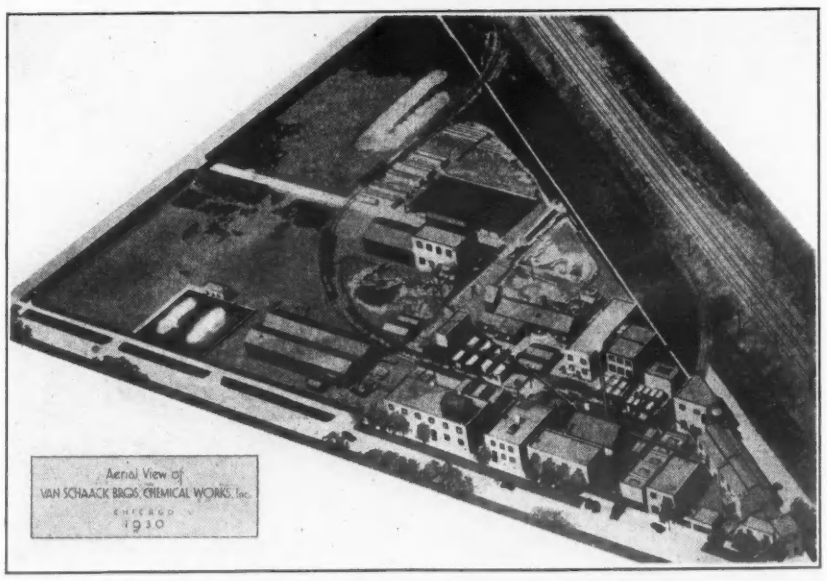

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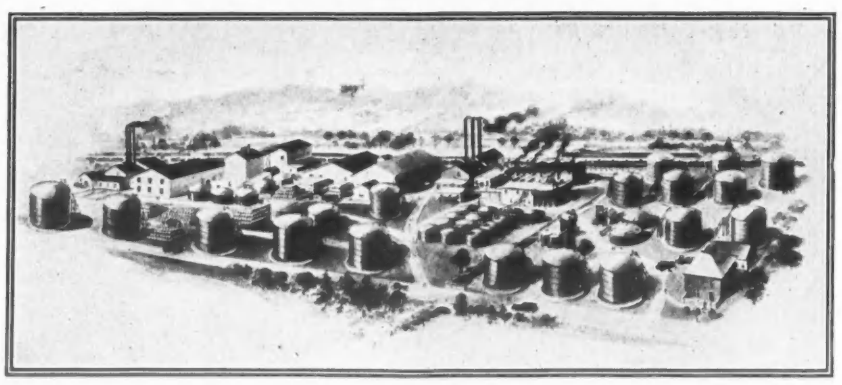

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